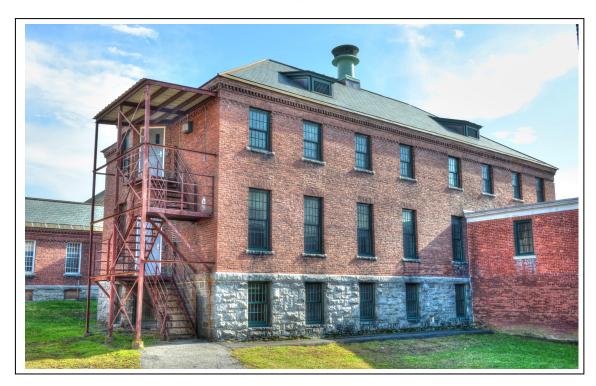
INSPECTION FOR THE PRESENCE OF ASBESTOS-CONTAINING MATERIALS Waterbury State Office Complex – 6/7 South

October 30, 2012



Per the request of the State of Vermont, Department of Buildings and General Services (BGS), Crothers Environmental Group, LLC (CEG) conducted a renovation inspection for the presence of asbestos-containing materials throughout 6/7 South located at the Waterbury State Office Complex in Waterbury, Vermont. The inspection was conducted on October 9th and October 10th, 2012 to comply with renovation/demolition requirements set forth by the Vermont Regulations for Asbestos Control (V.S.A Title 18, Chapter 26), Environmental Protection Agency Asbestos NESHAP Regulation (40 CFR Part 61 Subpart M) and the Occupational Safety & Health Administration (29 CFR 1926.1101 Construction Standard for Asbestos).

The following materials were found to contain asbestos in concentrations greater than 1%:

- Flooring plaster
- Vinyl floor tile and mastic
- **Black mastic (basement)**
- Fire door cores

The following materials were found to contain asbestos in concentrations less than 1%:

- **Popcorn ceiling (basement)**
- Wall joint compound
- **Basement mechanical room plaster**

ASBESTOS BULK SAMPLING & LABORATORY ANALYSIS

One hundred twenty-two (122) bulk samples (includes layers) were collected during the inspection and delivered to EMSL Analytical, Inc. Proper chain-of-custody procedures were followed during the transport of samples. EMSL Analytical, Inc. is a Vermont Licensed and US EPA Accredited Laboratory. All samples, unless otherwise specified, were analyzed by Polarized Light Microscopy "PLM" in accordance with EPA test method 40 CFR Part 763, Subpart F. The analyst visually estimates the percentages of identified asbestos. The following table provides asbestos bulk sampling information:

ASBESTOS BULK SAMPLE INVENTORY & ANALYTICAL RESULTS

October 9, 2012 Sampling

Sample Number	Homogeneous Material	Sample Location	Analytical Result
888200-6/7S-1	Joint compound	2 nd floor – north wall of room #211	No Asbestos Detected (NAD)
888200-6/7S-2	Sheetrock	2 nd floor – north wall of room #211	NAD
888200-6/7S-3	Joint compound	2 nd floor – north wall of room #201	NAD
888200-6/7S-4	Sheetrock	2 nd floor – north wall of room #201	NAD
888200-6/7S-5	Plaster skim coat	2 nd floor – south wall of hall outside room #203	NAD
888200-6/7S-6	Plaster rough coat	2 nd floor – south wall of hall outside room #203	NAD
888200-6/7S-7	Plaster skim coat	2 nd floor – west wall of hall outside room #210	NAD
888200-6/7S-8	Plaster rough coat	2 nd floor – west wall of hall outside room #210	NAD
888200-6/7S-9	Plaster skim coat	2 nd floor – south wall of hall outside room #206	NAD
888200-6/7S-10	Plaster rough coat	2 nd floor – south wall of hall outside room #206	NAD
888200-6/7S-11A	6" black mopboard	2 nd floor – north wall of office partition wall	NAD
888200-6/7S-11B	Yellow mopboard glue under 6" black mopboard	2 nd floor – north wall of office partition wall	NAD
888200-6/7S-12A	4" glossy black mopboard	2 nd floor – north wall of room #207	NAD
888200-6/7S-12B	Yellow mopboard glue under 4" glossy black mopboard	2 nd floor – north wall of room #207	NAD

Sample Number	Homogeneous Material	Sample Location	Analytical Result
888200-6/7S-13A	4" flat black mopboard	2 nd floor – south wall of room #206	NAD
888200-6/7S-13B	Yellow mopboard glue under 4" flat black mopboard	2 nd floor – south wall of room #206	NAD
888200-6/7S-14	Black vinyl floor separator	2 nd floor – doorway of janitor's closet	NAD
888200-6/7S-15A	Brown 2' x 2' vinyl flooring	2 nd floor – north side of janitor's closet	NAD
888200-6/7S-15B	Yellow flooring glue under brown 2' x 2' vinyl flooring	2 nd floor – north side of janitor's closet	NAD
888200-6/7S-16A	4" brown mopboard	2 nd floor – southwest side of room #211	NAD
888200-6/7S-16B	Yellow mopboard glue under 4" brown mopboard	2 nd floor – southwest side of room #211	NAD
888200-6/7S-17	Grey duct sealer	2 nd floor – northeast corner of IT storage room	NAD
888200-6/7S-18	Red fire stop	2 nd floor – hallway outside room #213	NAD
888200-6/7S-19	Green window caulking	2 nd floor – south hall window outside room #206	NAD
888200-6/7S-20	Yellow carpet glue	2 nd floor – entrance to room #202	NAD
888200-6/7S-21	Green window caulking	2 nd floor – southeast window in hall by room #206	NAD
888200-6/7S-22	Light grey floor leveler	2 nd floor – west side of room #201B	NAD
888200-6/7S-23	Light grey floor leveler	2 nd floor – east side of room #201B	NAD
888200-6/7S-24	Orange carpet glue	2 nd floor – east corner of room #201	NAD
888200-6/7S-25	Orange carpet glue	2 nd floor – west corner of room #201	NAD
888200-6/7S-26A	Black floor tile	2 nd floor – west side of room #203	NAD
888200-6/7S-26B	Brown floor leveler under black floor tile	2 nd floor – west side of room #203	NAD
888200-6/7S-26C	White floor leveler under black floor tile	2 nd floor – west side of room #203	NAD
888200-6/7S-26D	Orange mastic under black floor tile	2 nd floor – west side of room #203	NAD
888200-6/7S-27A	Black floor tile	2 nd floor – east corner of room #203	NAD
888200-6/7S-27B	Brown floor leveler under black floor tile	2 nd floor – east corner of room #203	NAD
888200-6/7S-27C	White floor leveler under black floor tile	2 nd floor – east corner of room #203	NAD
888200-6/7S-27D	Orange mastic under black floor tile	2 nd floor – east corner of room #203	NAD

Sample Number	Homogeneous Material	Sample Location	Analytical Result
888200-6/7S-28	Yellow carpet glue	2 nd floor – entrance to room #202	NAD
888200-6/7S-29	Black mastic	2 nd floor – northeast corner of room #212	NAD
888200-6/7S-30	Black mastic	2 nd floor – west side of room #212	NAD
888200-6/7S-31	Homasote flooring	2 nd floor – northwest corner of room #210	NAD
888200-6/7S-32	Homasote flooring	2 nd floor – hall outside of room #210	NAD
888200-6/7S-33	Joint compound	1 st floor – south wall of room #105	NAD
888200-6/7S-34	Sheetrock	1 st floor – south wall of room #105	NAD
888200-6/7S-35	Joint compound	1 st floor – north wall of room # 106	NAD
888200-6/7S-36	Sheetrock	1 st floor – north wall of room # 106	NAD
888200-6/7S-37	Plaster skim coat	1 st floor – northwest corner of room #108	NAD
888200-6/7S-38	Plaster rough coat	1 st floor – northwest corner of room #108	NAD
888200-6/7S-39	Plaster skim coat	1 st floor – hallway to Sewing Building	NAD
888200-6/7S-40	Plaster rough coat	1 st floor – hallway to Sewing Building	NAD
888200-6/7S-41	Plaster skim coat	1 st floor – north corner of room #113A	NAD
888200-6/7S-42	Plaster rough coat	1 st floor – north corner of room #113A	NAD
888200-6/7S-43	Green window caulking	1 st floor – northwest window in room #113	NAD
888200-6/7S-44	Green window caulking	1 st floor – southwest window in room #113	NAD
888200-6/7S-45A	4" flat black mopboard	1 st floor – north corner of room #109B	NAD
888200-6/7S-45B	Yellow mopboard glue under 4" flat black mopboard	1 st floor – north corner of room #109B	NAD
888200-6/7S-46A	6" black mopboard	1 st floor – north corner of room #109	NAD
888200-6/7S-46B	Yellow mopboard glue under 6" black mopboard	1 st floor – north corner of room #109	NAD
888200-6/7S-47A	4" black glossy mopboard	1 st floor – north wall of room #113	NAD
888200-6/7S-47B	Yellow mopboard glue under 4" black glossy mopboard	1 st floor – north wall of room #113	NAD
888200-6/7S-48A	4" blue mopboard	1 st floor – east side of janitor's closet	NAD
888200-6/7S-48B	Orange mopboard glue under 4" blue mopboard	1 st floor – east side of janitor's closet	NAD
888200-6/7S-49A	4" blue mopboard	1 st floor – west side of janitor's closet	NAD

Sample Number	Homogeneous Material	Sample Location	Analytical Result
888200-6/7S-49B	Orange mopboard glue under 4" blue mopboard	1 st floor – west side of janitor's closet	NAD
888200-6/7S-50A	4" brown mopboard	1 st floor – north corner of room #113A	NAD
888200-6/7S-50B	Yellow mopboard glue under 4" brown mopboard	1 st floor – north corner of room #113A	NAD
888200-6/7S-51A	Brown battleship linoleum	1 st floor – east end of connector to Sewing building	NAD
888200-6/7S-51B	Blue paper backing under brown battleship linoleum	1 st floor – east end of connector to Sewing building	NAD
888200-6/7S-52A	Brown battleship linoleum	1 st floor – west end of connector to Sewing building	NAD
888200-6/7S-52B	Blue paper backing under brown battleship linoleum	1 st floor – west end of connector to Sewing building	NAD
888200-6/7S-53	White floor leveler	1 st floor – west end of connector to Sewing building	NAD
888200-6/7S-54	White floor leveler	1 st floor – west end of connector to Sewing building	NAD
888200-6/7S-55A	2' x 2' brown vinyl flooring	1 st floor – southwest corner of room #111	NAD
888200-6/7S-55B	Yellow flooring glue under 2' x 2' brown vinyl flooring	1 st floor – southwest corner of room #111	NAD
888200-6/7S-56	Yellow carpet glue	1 st floor – entrance to room #111	NAD
888200-6/7S-57A	Black vinyl floor separator	1 st floor – storage closet by room #107	NAD
888200-6/7S-57B	Floor separator glue under black vinyl floor separator	1 st floor – storage closet by room #107	NAD
888200-6/7S-58	Green window caulking	1 st floor – north end of hall by fire exit stairwell	NAD
888200-6/7S-59	Green window caulking	Basement – north end of hall by fire exit	NAD
888200-6/7S-60A	Grey vinyl stair tread	1 st floor landing – entrance to room #105	NAD
888200-6/7S-60B	Stair tread glue under grey vinyl stair tread	1 st floor landing – entrance to room #105	NAD
888200-6/7S-61A	Grey vinyl stair tread	Basement landing – stairwell to south connector	NAD
888200-6/7S-61B	Stair tread glue under grey vinyl stair tread	Basement landing – stairwell to south connector	NAD
888200-6/7S-62	Light grey floor leveler	1 st floor – north side of room #105	NAD
888200-6/7S-63A	Dark brown floor tile	1 st floor – northeast corner office south of room #105	6% Chrysotile Asbestos

Sample Number	Homogeneous Material	Sample Location	Analytical Result
888200-6/7S-63B	Black mastic under dark brown floor tile	1 st floor – northwest corner office south of room #105	NAD
888200-6/7S-64A	Dark brown floor tile	1 st floor – large room south of room #105	3% Chrysotile Asbestos
888200-6/7S-64B	Black mastic under dark brown floor tile	1 st floor – large room south of room #105	NAD
888200-6/7S-65	Brown fire stop	1 st floor – northwest wall under baseboard heat	NAD
888200-6/7S-66	Brown fire stop	1 st floor – northwest corner under baseboard heat	NAD
888200-6/7S-67A	White floor tile	1 st floor – northwest corner of room #109A	3% Chrysotile Asbestos
888200-6/7S-67B	Yellow mastic under white floor tile	1 st floor – northwest corner of room #109A	NAD
888200-6/7S-68A	White floor tile	1 st floor – northwest corner of room #109A	3% Chrysotile Asbestos
888200-6/7S-68B	Yellow mastic under white floor tile	1 st floor – northwest corner of room #109A	NAD
888200-6/7S-69A	Blue rough linoleum	1 st floor – northwest corner of janitor's closet	NAD
888200-6/7S-69B	Green flooring adhesive under blue rough linoleum	1st floor – northwest corner of janitor's closet	NAD
888200-6/7S-70A	Blue rough linoleum	1 st floor – northeast corner of janitor's closet	NAD
888200-6/7S-70B	Green flooring adhesive under blue rough linoleum	1 st floor – northeast corner of janitor's closet	NAD
888200-6/7S-71	White pipe mastic	Basement – northeast corner of northeast mechanical room	NAD
888200-6/7S-72	White pipe mastic	Basement – northwest corner of room #009	NAD
888200-6/7S-73	White encapsulant	Basement – northwest wall of northeast mechanical room	NAD
888200-6/7S-74	White encapsulant	Basement – south wall in room in northeast mechanical room	NAD
888200-6/7S-75	Black mastic remnant	Basement – east end of hallway by northeast mechanical room	8% Chrysotile Asbestos
888200-6/7S-76	Black mastic remnant	Basement – west end of hallway by Sewing building	2% Chrysotile Asbestos
888200-6/7S-77	Red fire stop	Basement – north wall of east end of hallway	NAD
888200-6/7S-78	Popcorn ceiling	Basement – center of ceiling in room #006	NAD

Sample Number	Homogeneous Material	Sample Location	Analytical Result
888200-6/7S-79	Popcorn ceiling	Basement – center of ceiling in room #008	0.50% Chrysotile Asbestos
888200-6/7S-80	Popcorn ceiling	Basement – center of ceiling in room #007	NAD
888200-6/7S-81	Popcorn ceiling	Basement – center of closet in room #007	NAD
888200-6/7S-82	Popcorn ceiling	Basement – center of room large room #009	NAD
888200-6/7S-83	Textured ceiling patch	Basement – ceiling in center or room #006	NAD
888200-6/7S-84	Joint compound	Basement – east wall of room #006	0.25% Chrysotile Asbestos
888200-6/7S-85	Sheetrock	Basement – east wall of room #006	NAD
888200-6/7S-86	Joint compound	Basement – ceiling in room #007	<0.25% Chrysotile Asbestos
888200-6/7S-87	Sheetrock	Basement – ceiling in room #007	NAD

Historic Sampling - Plaster Sampling Only - April 17, 2010

Sample Number	Homogeneous Material	Sample Location	Analytical Result
651149-16	Plaster ceiling – skim and grey coat	Cubicle by room #205	NAD
651149-17	Plaster wall – skim and grey coat	Room #207 – west wall	NAD
651149-18	Plaster ceiling – skim and grey coat	Hall by room #211	NAD
651149-19	Plaster wall – skim and grey coat	1 st floor room by #109A – south wall	NAD
651149-20	Plaster wall – skim and grey coat	Room #108A – north wall	NAD
651149-21	Plaster wall – skim and grey coat	Room #111 – east wall	NAD

Historic Sampling - April 8, 2009 Sampling

Sample Number	Homogeneous Material	Sample Location	Analytical Result
99100-5	Blown in attic insulation – white	Attic – north end west side	No asbestos detected (NAD)
99100-6	Blown in attic insulation – white	By attic hatch	NAD

Historic Sampling - September 26, 2007 Sampling

Sample Number	Homogeneous Material	Sample Location	Analytical Result
43168-4	MJP – "T" joint	Mechanical room #005	No asbestos detected (NAD)
43168-5	MJP – valve body	Mechanical room #005	NAD
43168-6	MJP – 90 degree elbow	Mechanical room #005	NAD
43168-7A	Plaster – brown coat	Mechanical room #005	0.25% Chrysotile
43168-7B	Plaster – white coat	Mechanical room #005	NAD
43168-8A	Plaster – brown coat	Mechanical room #005	0.25% Chrysotile
43168-8B	Plaster – white coat	Mechanical room #005	NAD
43168-9	Plaster – brown coat	Mechanical room #005	NAD

INVENTORY OF <u>CONFIRMED/PRESUMED</u> ASBESTOS-CONTAINING MATERIALS CONTAINING GREATER THAN 1% ASBESTOS:

- 1600 sq.ft. +/- Popcorn decorative ceiling & gypsum board (less than 1% asbestos) Ground floor
- 2100 sq,ft +/- Black flooring mastic Ground floor
- 80 sq.ft. +/- Wall and ceiling plaster Ground floor mechanical room (less than 1% asbestos)
- 1800 sq.ft. +/- Carpet over vinyl asbestos floor tile 1st floor
- 4000 sq.ft +/- vinyl floor tile 2nd floor
- 4000 sq.ft +/- vinyl floor tile mastic
- 4000 sq.ft +/- Flooring plaster 2nd floor
- 8 each +/- Fire doors

LIST OF NON-ASBESTOS CONTAINING MATERIALS

The following suspect building materials were sampled and found **not** to contain asbestos:

- Black floor tile
- Battleship linoleum
- Brown 2' x 2' vinyl flooring & yellow glue
- Blue rough linoleum & green adhesive
- 6" black mopboard & yellow glue
- 4" glossy black mopboard & yellow glue
- 4" black mopboard & yellow glue
- 4" brown mopboard & yellow glue
- 4" blue mopboard & orange glue
- Yellow carpet glue
- Orange carpet glue
- Light grey floor leveler
- Brown floor leveler
- White floor leveler

- Paper backing under battleship linoleum
- Black floor separator
- Grey vinyl stair tread & glue
- Grey duct sealer
- Red fire stop
- Brown fire stop
- Green window caulk
- Homosote
- White pipe mastic
- White encapsulant
- Sheetrock
- Plaster (rough coat)
- Plaster (skim coat)
- Textured ceiling patch

RENOVATION REQUIREMENTS

Friable Asbestos-Containing Materials

Friable ACM or PACM is an asbestos-containing material that when dry can be crumbled, pulverized, or reduced to powder by hand pressure, or a non-friable material that has been made friable by actions such as, but not limited to, sanding, grinding, sawing, abrading, etc. The following materials were identified as friable ACM:

- **⇒** Flooring plaster
- **⇒** Fire doors

The following regulatory agencies have regulations in effect when removing/disturbing friable ACM:

Vermont Department of Health

The Vermont Regulations for Asbestos Control (VRAC) - V.S.A. Title 18, Chapter 26, requires that all friable ACM that will be disturbed by renovation or demolition activities be properly removed prior to disturbance. VRAC requires the use of a Vermont Certified Asbestos Abatement Entity to remove these materials. The work must be performed in accordance with VRAC Section 2.4.2.

Occupational Safety and Health Administration

(V)OSHA Title 29 Code of Federal Regulations ("CFR") 1926.1101 Asbestos Standard for the Construction Industry classifies these materials as Class 1. With the exception of respiratory protection, VRAC has more stringent requirements when removing friable ACM.

U.S. Environmental Protection Agency

USEPA - Title 40 CFR Part 61 National Emission Standards for Hazardous Air Pollutants; Asbestos NESHAP Revision; Final Rule regulates the removal of friable ACM whenever 1) a "facility" will be demolished or 2) a "facility" being renovated will disturb quantities of regulated asbestos-containing materials (RACM) in excess of 160 square feet or 260 linear feet. VRAC has more stringent requirements when removing friable ACM. The USEPA Region 1 office must be notified in writing 10 working days (from the date of postmark) prior to commencing removal activities.

Non-Friable Asbestos-Containing Materials

Non-friable ACM or PACM is an asbestos-containing material that when dry cannot be crumbled, pulverized, or reduced to powder by hand pressure. The following materials were identified as non-friable ACM:

- ⇒ Vinyl asbestos floor tile
- ⇒ Floor tile mastic/adhesive

VRAC requires that all non-friable asbestos-containing materials that will be disturbed by renovation or demolition activities be properly removed prior to disturbance. VRAC Section 6 only requires minimal abatement procedures when removing non-friable materials. Vermont certified abatement personnel are not required. In short, the removal procedures include but do not limit:

- adequately wetting the material;
- removing the material in as large of sections as feasible; and
- properly packaging, labeling and disposing of the material.

The material cannot be sanded, sawn, chipped, ground, abraded or drilled.

VOSHA classifies these materials as Class II. This regulation is more stringent than VRAC, requiring the supervision by a competent person, specifically trained in a training course that meets the EPA's Model Accreditation Plan (Title 40 CFR 763, *Asbestos-Containing Materials in Schools; Final Rule and Notice*) or a supervisor or project designer or its equivalent. Employees must also be trained, medically monitored and etc. Unless a negative exposure assessment has been carried out, full procedures are required under this regulation.

EPA NESHAP requirements do not apply unless the non-friable ACM is subjected to sanding, sawing, chipping, grinding, abrading or drilling or other dust generating removal operation.

Building Materials Containing Less Than 1% Asbestos

The Vermont Department of Health Asbestos & Lead Control Program; U.S. Environmental Protection Agency; and the Occupational Safety & Health Administration (OSHA) defines an asbestos-containing material (ACM) as any material containing greater than one percent (>1%) asbestos. The following building materials were found to contain less than 1% asbestos:

- **♦** Joint compound
- **♦** Popcorn ceilings
- **♦ Plaster brown coat (basement mechanical room only)**

The above materials are not asbestos-containing materials in accordance with the USEPA and the VDOH standards and require no special removal or disposal procedures by these regulatory agencies. However, OSHA released an interpretation letter concerning materials containing 1% asbestos or less. The following is an excerpt from the interpretation letter:

Since renovation/demolition operations involve material containing less than 1% asbestos, the work is not a designated class of asbestos work. Therefore, only 29 CFR 1926.1101(g)(1)(ii) and (iii), as well as those recordkeeping requirements under 29 CFR 1926.1101(n) that are associated with the negative exposure assessment, apply so long as neither asbestos permissible exposure limit (PEL) is exceeded or might be exceeded.

29 CFR 1926.1101(g)(1)(ii) requires:

"Wet methods, or wetting agents, to control employee exposures during asbestos handling, mixing, removal, cutting, application, and cleanup, except where employers demonstrate that the use of wet methods is infeasible due to for example, the creation of electrical hazards, equipment malfunction, and, in roofing, except as provide in paragraph (g)(8)(ii) of this section;"

29 CFR 1926.1101(g)(1)(iii) requires:

"Prompt clean-up and disposal of wastes and debris contaminated with asbestos in leak-tight containers except in roofing operations, where the procedures specified in paragraph (g)(8)(ii) of this section apply."

On the other hand, if at least one of the asbestos PELs is exceeded or might be exceeded, then all the requirements that are not strictly reserved as work practice requirements for Class I, II, III, or IV asbestos work apply or might apply. An exception would be if there were not frequent enough exposures above the asbestos PELs to activate a specific requirement. For example, an employer is not required to make a medical surveillance program available to an employee who is not engaged in Class I, II, or III work or exposed at or above a permissible exposure limit for a combined total of 30 or more days per year.

An example of the many requirements that apply when either one of the asbestos PELs is exceeded is 29 CFR 1926.1101(j)(4) which states, "The employer shall ensure that employees

do not smoke in work areas where they are occupationally exposed to asbestos because of activities in that work area." This requirement applies wherever the employer must establish an asbestos-associated regulated area. Such a regulated area must be established where Class I, II, or III asbestos work is done or where at least one of the asbestos PELs is exceeded.

Due to the complexities of the OSHA standards, we recommend utilizing an asbestos abatement contractor for removal of the material.

ABESTOS HAZARD COMMUNICATION REQUIREMENTS

This section applies to the communication of information concerning asbestos hazards in construction & general industry to facilitate compliance with VOSHA 1926.1101 (construction) and 1910.1001 (general industry). Building owners are often the only and/or best sources of information concerning the presence of previously installed ACM. Therefore they, along with employers of potentially exposed employees, are assigned specific duties for hazard communication. *Building and/or facility owners* shall notify the following persons of the presence, location and quantity of ACM or PACM, at the work sites in their buildings and facilities. Notification shall be either in writing, or shall consist of a personal communication between the owner and the person to whom notification must be given or their authorized representatives:

- Prospective employers applying or bidding for work whose employees reasonably can be expected to work in or adjacent to areas containing such material;
- Employees of the owner who will work in or adjacent to areas containing such material;
- On multi-employer worksites, all employers of employees who will be performing work within or adjacent to areas containing such material; and
- Tenants who will occupy areas containing such material.

Disclaimer: Some suspect materials may be present in locations such as behind walls, in chases, above rigid ceilings, inside crawl spaces, etc. that were not visible or accessible to the Inspector. In the event suspect materials not identified in this report are discovered through demolition activities, the discovered material must be presumed as asbestos-containing and treated accordingly.

Please call our office at 802-888-1936 if you have any questions regarding this report or if you need further information.

Signed,

R. Chris Crothers, Principal / Vermont Licensed Asbestos Inspector Crothers Environmental Group, LLC

Attachments: Asbestos Bulk Sample Chain of Custody

Laboratory Analysis Sheets

Consultant & Laboratory License Copies

cc: CEG888200-6/7S



200 Route 130 North Cinnaminson, NJ 08077 Phone/Fax: (800) 220-3675 / (856) 786-5974 http://www.emsl.com / cinnasblab@EMSL.com EMSL Order ID: Customer ID:

Lab Sample ID:

041227161-0005

041227161 CROT30

Customer PO: Project ID:

WSOC

Attn: **Chris Clement**

Crothers Environmental Group

29 Duncan Road Morrisville, VT 05661 Phone:

(802) 888-1936

Fax: Collected: (ema) il -only 10/9/2012 10/16/2012

Received:

10/23/2012

Analyzed:

Proj: 888200-6/7 S WSOC-6/7 South Building-Waterbury, Vermont-Throughout (WSOC)

Summary Test Report for Asbestos Analysis via EPA 600/R-93/116 and/or EPA 600/M4-82-020

Lab Sample ID: 041227161-0001 Client Sample ID: 888200-6/7-S-1

Sample Description: 2nd floor-rm 211-N wall/joint compound (JC)

	Analyzed		Non-Asbestos				
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	White	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-2					Lab Sample ID:	041227161-0002

Sample Description: 2nd floor-rm 211-N wall/sheetrock (SR)

	Analyzed		Non-Asbestos				
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Gray	2%	98%	None Detected		
Client Sample ID:	888200-6/7-S-3					Lab Sample ID:	041227161-0003

Sample Description: 2nd floor-rm 201-N wall/JC

Client Sample ID:

	Analyzed		Non-	-Asbestos				
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment		
PLM	10/22/2012	White	0%	100%	None Detected			
Client Sample ID:	888200-6/7-S-4					Lab Sample ID:	041227161-0004	

Sample Description: 2nd floor-rm 201-N wall/SR

888200-6/7-S-5

	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Gray	5% 95%	None Detected		

Sample Description: 2nd floor-S wall of hallway outside rm 203/plaster skim coat

	Analyzed		Non-A	sbestos			
TEST	Date	Color	Fibrous N	lon-Fibrous	Asbestos	Comment	
PLM	10/22/2012	White	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-6					Lab Sample ID:	041227161-0006

Sample Description: 2nd floor-S wall of hallway outside rm 203/plaster rough coat

	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Gray	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-7					Lab Sample ID:	041227161-0007

Sample Description: 2nd floor-W wall of hallway outside rm 210/plaster skim coat

	Analyzed		Non-Asbestos		
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment
PLM	10/22/2012	White	0% 100%	None Detected	



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EMSL Order ID:

041227161 CROT30

Customer PO: Project ID:

WSOC

Summary Test Report for Asbestos Analysis via EPA 600/R-93/116 and/or EPA 600/M4-82-020

Client Sample ID:	888200-6/7-S-8					Lab Sample ID:	041227161-0008
Sample Description:	2nd floor-W wall of hallway o	utside rm 210/pla	aster rough coat				
	Analyzed		Non-A	sbestos			
TEST	Date	Color	Fibrous 1	Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Gray	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-9					Lab Sample ID:	041227161-0009
Sample Description:		utside rm 206/pla	ster skim coat			•	
	Analyzed		Non-A	sbestos			
TEST	Date	Color	Fibrous 1	Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	White	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-10					Lab Sample ID:	041227161-0010
Sample Description:	2nd floor-S wall of hallway or	utside rm 206/pla	ster rough coat				
	Analyzed		Non-A	sbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Gray	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-11A					Lab Sample ID:	041227161-0011
Sample Description:	2nd floor-N wall of office part	ition in common	are/6" black cove	ebase			
	Analyzed			sbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Black	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-11B					Lab Sample ID:	041227161-0012
Sample Description:	2nd floor-N wall of office part	ition in common	are/yellow glue				
	Analyzed		Non-A	sbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Yellow	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-12A					Lab Sample ID:	041227161-0013
Sample Description:	2nd floor-N wall of rm 207/4"	glossy black cov	vebase				
	Analyzed			sbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Black	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-12B					Lab Sample ID:	041227161-0014
Sample Description:	2nd floor-N wall of rm 207/ye	ellow glue					
	Analyzed			sbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Yellow	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-13A					Lab Sample ID:	041227161-0015
Sample Description:	2nd floor-S wall of rm 206/4"	black covebase					
	Analyzed		Non-A	sbestos			

0%

100%

None Detected

10/22/2012

Black

PLM



Client Sample ID:

EMSL Analytical, Inc.

888200-6/7-S-13B

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EMSL Order ID: Customer ID:

041227161 CROT30

Customer PO: Project ID:

Lab Sample ID:

WSOC

041227161-0016

Summary Test Report for Asbestos Analysis via EPA 600/R-93/116 and/or EPA 600/M4-82-020

Client Sample ID:	888200-6/7-S-13B					Lab Sample ID:	041227161-0016
Sample Description:	2nd floor-S wall of rm 206/	yellow glue					
TEST	Analyzed	Cale		Asbestos	A = h = = 4 = =	Comment	
TEST PLM	10/22/2012	Color Yellow	Fibrous I	Non-Fibrous 100%	Asbestos None Detected	Comment	
		I GIIOW		100 /0	Notic Detected	1-6-0	044007404 0045
Client Sample ID:	888200-6/7-S-14					Lab Sample ID:	041227161-0017
Sample Description:	2nd floor-janitors closet @	doorway/black floo	r seperator				
	Analyzed		Non-A	sbestos			
TEST	Date	Color	Fibrous I	Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Black	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-15-Vinyl Flooring	ng				Lab Sample ID:	041227161-0018
Sample Description:	2nd floor-janitors closet N	side/brown 2x2 viny	I flooring & yello	ow glue			
	Analyzed		Non-A	sbestos			
TEST	Date	Color	Fibrous I	Non-Fibrous	Asbestos	Comment	
LM	10/22/2012	Brown	0%	100%	None Detected	Recommend TEM	
Client Sample ID:	888200-6/7-S-15-Glue		<u> </u>			Lab Sample ID:	041227161-0018A
Sample Description:	2nd floor-janitors closet N	side/brown 2x2 viny	d flooring & yello	ow glue			
	Analyzed			sbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
LM	10/22/2012	Yellow	0%	100%	None Detected		
lient Sample ID:	888200-6/7-S-16A					Lab Sample ID:	041227161-0019
ample Description:	2nd floor-room 211-SW sid	le of room/4" brown	covebase				
TEOT	Analyzed	0-1		Asbestos	A-b4	Comment	
TEST PLM	10/22/2012	Color Brown	Fibrous I	Non-Fibrous 100%	Asbestos None Detected	Comment	
	• • • • • • • • • • • • • • • • • • • •	DIOWII	U 70	10070	None Detected	1-6-0	044007404 00400
Client Sample ID:	888200-6/7-S-16B					Lab Sample ID:	041227161-0019A
Sample Description:	2nd floor-room 211-SW sid	le of room/yellow gl	ue				
	Analyzed		Non-A	sbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Yellow	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-17					Lab Sample ID:	041227161-0020
Sample Description:	2nd floor-NE corner of elec	tronic storage room	n/gray duct seale	er			
	Analyzed	_		sbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Gray/White	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-18					Lab Sample ID:	041227161-0021
Sample Description:	2nd floor-hallway adjacent	to room 213/red fire	e stop				
	A malu = = = =		Na A	abaataa			

Non-Asbestos

Fibrous Non-Fibrous

97%

3%

Asbestos

None Detected

Comment

TEST

PLM

Analyzed

Date

10/22/2012

Color

Red



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EMSL Order ID: Customer ID: 041227161 CROT30

Customer PO: Project ID:

WSOC

Summary Test Report for Asbestos Analysis via EPA 600/R-93/116 and/or EPA 600/M4-82-020

Client Sample ID:	888200-6/7-S-19				Lab Sample ID:	041227161-0022
Sample Description:	2nd floor-window on S wal	of hallway outside	room/green window caulk			
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Green	0% 100%	None Detected		
Client Sample ID:	888200-6/7-S-20				Lab Sample ID:	041227161-0023
Sample Description:	2nd floor-at entrance to roo	om 202/yellow carpe	et glue			
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Yellow	0% 100%	None Detected		
Client Sample ID:	888200-6/7-S-21				Lab Sample ID:	041227161-0024
Sample Description:	2nd floor-window on SE co	orner wall of hallway	outs/green window caulk			
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Green	0% 100%	None Detected		
Client Sample ID:	888200-6/7-S-22				Lab Sample ID:	041227161-0025
Sample Description:	2nd floor-W side of room 2	01B/light gray floor	leveler			
	Analyzed		Non-Asbestos		•	
TEST PLM	10/22/2012	Color	Fibrous Non-Fibrous 5% 95%	Asbestos	Comment	
		Gray	5% 95%	None Detected	1.1.0	044007404 0000
Client Sample ID:	888200-6/7-S-23				Lab Sample ID:	041227161-0026
Sample Description:	2nd floor-E side of room 20	01B/light gray floor le	eveler			
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Gray	5% 95%	None Detected		
Client Sample ID:	888200-6/7-S-24				Lab Sample ID:	041227161-0027
Sample Description:	2nd floor-E corner of room	201/orange carpet	glue			
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	White/Yellow	0% 100%	None Detected		
Client Sample ID:	888200-6/7-S-25				Lab Sample ID:	041227161-0028
Sample Description:	2nd floor-W corner of room	201/orange carpet	glue			
	Analyzed		Non-Asbestos		_	
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Yellow	0% 100%	None Detected		
Client Sample ID:	888200-6/7-S-26A				Lab Sample ID:	041227161-0029
Sample Description:	2nd floor-W side of room 2	03/black floor tile				
	Analyzed		Non-Asbestos			

10/22/2012

Black

2%

98%

None Detected

PLM



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EMSL Order ID: Customer ID: 041227161 CROT30

Customer PO: Project ID:

WSOC

Summary Test Report for Asbestos Analysis via EPA 600/R-93/116 and/or EPA 600/M4-82-020

Client Sample ID: 888200-6/7-S-26B Lab Sample ID: 041227161-0030 Sample Description: 2nd floor-W side of room 203/brown floor leveler Analyzed Non-Asbestos **TEST** Date Color **Fibrous** Non-Fibrous Asbestos Comment PLM 10/22/2012 Brown 0% 100% None Detected Lab Sample ID: 041227161-0031 Client Sample ID: 888200-6/7-S-26C Sample Description: 2nd floor-W side of room 203/white floor leveler Analyzed Non-Asbestos **TEST** Date Color **Fibrous** Non-Fibrous **Asbestos** Comment PLM 10/22/2012 White 0% 100% None Detected Lab Sample ID: 041227161-0032 888200-6/7-S-26D Client Sample ID: Sample Description: 2nd floor-W side of room 203/orange glue on bottom of tile Analyzed Non-Asbestos TEST Date Fibrous Non-Fibrous Comment Color **Asbestos** PLM 10/22/2012 Yellow 0% 100% None Detected 041227161-0033 888200-6/7-S-27A Lab Sample ID: Client Sample ID: Sample Description: 2nd floor-E corner of room 203/black floor tile Analyzed Non-Asbestos **TEST Fibrous** Non-Fibrous **Asbestos** Comment Date Color PLM 10/22/2012 Black 0% 100% None Detected Lab Sample ID: 041227161-0034 Client Sample ID: 888200-6/7-S-27B Sample Description: 2nd floor-E corner of room 203/brown floor leveler Non-Asbestos Analyzed **TEST** Fibrous Non-Fibrous Comment Date Color Asbestos PLM 10/22/2012 Brown 0% 100% None Detected 888200-6/7-S-27C Lab Sample ID: 041227161-0035 Client Sample ID: Sample Description: 2nd floor-E corner of room 203/white floor leveler Analyzed Non-Asbestos TEST Comment Date Color **Fibrous** Non-Fibrous **Asbestos** PLM 10/22/2012 White 100% 0% None Detected Lab Sample ID: 041227161-0036 Client Sample ID: 888200-6/7-S-27D Sample Description: 2nd floor-E corner of room 203/orange glue on bottom of tile Analyzed Non-Asbestos **TEST Fibrous** Non-Fibrous Comment Date Color **Asbestos** PLM 10/22/2012 Yellow/Orange 0% 100% None Detected Client Sample ID: 888200-6/7-S-28 Lab Sample ID: 041227161-0037 Sample Description: 2nd floor-at entrance to room 202/yellow carpet glue Non-Asbestos Analyzed Comment **TEST** Date Color **Fibrous** Non-Fibrous **Asbestos**

10/22/2012

Yellow

0%

100%

None Detected

PI M



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EMSL Order ID: Customer ID:

041227161 CROT30

Customer PO: Project ID:

WSOC

Summary Test Report for Asbestos Analysis via EPA 600/R-93/116 and/or EPA 600/M4-82-020

Client Sample ID:	888200-6/7-S-29					Lab Sample ID:	041227161-0038
Sample Description:	2nd floor-NE corner of roo	m 212/black mastic	under light gray	floor leveler		•	
TEST	Analyzed	Color		sbestos Ion-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Black	0%	100%	None Detected	Comment	
					110110 20100100	Lab Cample ID:	044227464 0020
Client Sample ID:	888200-6/7-S-30					Lab Sample ID:	041227161-0039
Sample Description:	2nd floor-W side of room 2	212/black mastic und	der light gray floo	or leveler			
	Analyzed		Non-A	sbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Black	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-31A					Lab Sample ID:	041227161-0040
Sample Description:	2nd floor-NW corner of roo	om 210/homasote ur	nder hlack masti	C		,	
p = =====	2113 11301 1111 0011161 01 100	£ 15/110111d30te ul	or black mast	•			
	Analyzed		Non-A	sbestos			
TEST	Date	Color	Fibrous N	Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Brown	90%	10%	None Detected		
Client Sample ID:	888200-6/7-S-31B					Lab Sample ID:	041227161-0041
Sample Description:	2nd floor-NW corner of roo	om 210/homasote ur	nder black masti	C			
	Analyzed			sbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	and black markin
PLM	10/22/2012	Black/Yellow	0%	100%	None Detected	Composite of yello	ow and black mastic
Client Sample ID:	888200-6/7-S-32A					Lab Sample ID:	041227161-0042
Sample Description:	2nd floor-NW corner of roo	om 210/homasote ur	nder black masti	С			
	A		N A				
TEST	Analyzed Date	Color		sbestos Ion-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Brown	90%	10%	None Detected	Commone	
						Lab Sample ID:	044227464 0042
Client Sample ID:	888200-6/7-S-32B	040//-	adaabla 1	-		Lau Sample ID:	041227161-0043
Sample Description:	2nd floor-NW corner of roo	om 210/nomasote ur	ider black masti	С			
	Analyzed		Non-A	sbestos			
TEST	Date	Color		lon-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Black	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-33					Lab Sample ID:	041227161-0044
Sample Description:	1st floor-S wall of room 10	5/joint compound				-	
-							
	Analyzed		Non-A	sbestos			
TEST	Date	Color		lon-Fibrous	Asbestos	Comment	
PLM	10/22/2012	White	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-34					Lab Sample ID:	041227161-0045
Sample Description:	1st floor-S wall of room 10	5/sheetrock					
	Analyzed			sbestos			
TEST	Date	Color	Fibrous N	lon-Fibrous	Asbestos	Comment	

10/22/2012

Brown/Gray

2%

98%

None Detected

PLM



Client Sample ID:

EMSL Analytical, Inc.

888200-6/7-S-35

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EMSL Order ID: Customer ID:

Lab Sample ID:

041227161 CROT30

Customer PO: Project ID:

WSOC

041227161-0046

Summary Test Report for Asbestos Analysis via EPA 600/R-93/116 and/or EPA 600/M4-82-020

		n 106/joint compo	ound				
Sample Description:	1st floor-outer N wall of roon						
	Analyzed		Non-A	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	White	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-36					Lab Sample ID:	041227161-0047
Sample Description:	1st floor-outer N wall of roon	n 106/sheetrock					
	101 11001 04101 11 11411 01 10011						
	Analyzed		Non-A	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Gray	5%	95%	None Detected		
Client Sample ID:	888200-6/7-S-37					Lab Sample ID:	041227161-0048
Sample Description:	1st floor-NW corner of room	108/plaster-skim	coat				
		·					
	Analyzed		Non-A	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	White	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-38					Lab Sample ID:	041227161-0049
Sample Description:	1st floor-NW corner of room	108/plaster-roug	h coat				
Sample Description:	1st floor-NW corner of room	108/plaster-roug	h coat				
Sample Description:	1st floor-NW corner of room Analyzed	108/plaster-roug		Asbestos			
Sample Description: TEST		108/plaster-roug Color	Non-A	Asbestos Non-Fibrous	Asbestos	Comment	
TEST	Analyzed		Non-A		Asbestos None Detected	Comment	
TEST PLM	Analyzed Date	Color	Non-A	Non-Fibrous		Comment Lab Sample ID:	041227161-0050
TEST PLM Client Sample ID:	Analyzed	Color Gray	Non-A Fibrous 0%	Non-Fibrous			041227161-0050
TEST PLM Client Sample ID:	Analyzed	Color Gray	Non-A Fibrous 0%	Non-Fibrous			041227161-0050
TEST PLM Client Sample ID:	Analyzed	Color Gray	Non-A Fibrous 0%	Non-Fibrous			041227161-0050
TEST PLM Client Sample ID:	Analyzed Date 10/22/2012 888200-6/7-S-39 1st floor-hallway to sewing b	Color Gray	Non-A	Non-Fibrous 100%			041227161-0050
TEST PLM Client Sample ID: Sample Description: TEST	Analyzed Date 10/22/2012 888200-6/7-S-39 1st floor-hallway to sewing b	Color Gray uilding/plaster-sk	Non-A	Non-Fibrous 100%	None Detected	Lab Sample ID:	041227161-0050
TEST Client Sample ID: Sample Description: TEST	Analyzed Date 10/22/2012 888200-6/7-S-39 1st floor-hallway to sewing b Analyzed Date	Color Gray uilding/plaster-sk	Non-A Fibrous 0% kim coat Non-A Fibrous	Non-Fibrous 100% Asbestos Non-Fibrous	None Detected Asbestos	Lab Sample ID:	041227161-0050 041227161-0051
TEST Client Sample ID: Sample Description: TEST PLM Client Sample ID:	Analyzed	Color Gray uilding/plaster-sk Color White	Non-A Fibrous 0% kim coat Non-A Fibrous 0%	Non-Fibrous 100% Asbestos Non-Fibrous	None Detected Asbestos	Lab Sample ID: Comment	
TEST Client Sample ID: Sample Description: TEST PLM Client Sample ID:	Analyzed	Color Gray uilding/plaster-sk Color White	Non-A Fibrous 0% kim coat Non-A Fibrous 0%	Non-Fibrous 100% Asbestos Non-Fibrous	None Detected Asbestos	Lab Sample ID: Comment	
TEST Client Sample ID: Sample Description: TEST PLM Client Sample ID:	Analyzed	Color Gray uilding/plaster-sk Color White	Non-A Fibrous Non-A Fibrous 0%	Non-Fibrous 100% Asbestos Non-Fibrous	None Detected Asbestos	Lab Sample ID: Comment	
TEST Client Sample ID: Sample Description: TEST PLM Client Sample ID:	Analyzed	Color Gray uilding/plaster-sk Color White	Non-A Fibrous Non-A Fibrous 0% Non-A Fibrous Non-A Non-A	Non-Fibrous 100% Asbestos Non-Fibrous 100%	None Detected Asbestos	Lab Sample ID: Comment	
TEST Client Sample ID: Sample Description: TEST Client Sample ID: Sample Description:	Analyzed Date 10/22/2012 888200-6/7-S-39 1st floor-hallway to sewing b Analyzed Date 10/22/2012 888200-6/7-S-40 1st floor-hallway to sewing b Analyzed	Color Gray uilding/plaster-sk Color White uilding/plaster-ro	Non-A Fibrous Non-A Fibrous 0% Non-A Fibrous Non-A Non-A	Asbestos 100% Asbestos Non-Fibrous 100%	Asbestos None Detected	Lab Sample ID: Comment Lab Sample ID:	
TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description: TEST	Analyzed Date 10/22/2012 888200-6/7-S-39 1st floor-hallway to sewing b Analyzed Date 10/22/2012 888200-6/7-S-40 1st floor-hallway to sewing b Analyzed Date	Color Gray uilding/plaster-sk Color White uilding/plaster-ro	Non-A Fibrous Non-A Fibrous O% Non-A Fibrous Non-A Fibrous	Asbestos 100% Asbestos Non-Fibrous 100% Asbestos Non-Fibrous	Asbestos Asbestos Asbestos	Lab Sample ID: Comment Lab Sample ID: Comment	
TEST Client Sample ID: Sample Description: TEST Client Sample ID: Sample Description: TEST Client Sample ID: Client Sample Description:	Analyzed Date 10/22/2012 888200-6/7-S-39 1st floor-hallway to sewing b Analyzed Date 10/22/2012 888200-6/7-S-40 1st floor-hallway to sewing b Analyzed Date 10/22/2012 888200-6/7-S-40 888200-6/7-S-40	Color Gray uilding/plaster-sk Color White uilding/plaster-ro Color Gray	Non-A Fibrous Non-A Fibrous O% Sugh coat Non-A Fibrous O% OW Non-A Fibrous O%	Asbestos 100% Asbestos Non-Fibrous 100% Asbestos Non-Fibrous	Asbestos Asbestos Asbestos	Lab Sample ID: Comment Lab Sample ID: Comment	041227161-0051
PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description:	Analyzed Date 10/22/2012 888200-6/7-S-39 1st floor-hallway to sewing b Analyzed Date 10/22/2012 888200-6/7-S-40 1st floor-hallway to sewing b Analyzed Date 10/22/2012 888200-6/7-S-40 888200-6/7-S-40	Color Gray uilding/plaster-sk Color White uilding/plaster-ro Color Gray	Non-A Fibrous Non-A Fibrous O% Sugh coat Non-A Fibrous O% OW Non-A Fibrous O%	Asbestos 100% Asbestos Non-Fibrous 100% Asbestos Non-Fibrous	Asbestos Asbestos Asbestos	Lab Sample ID: Comment Lab Sample ID: Comment	041227161-0051
TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Client Sample ID:	Analyzed Date 10/22/2012 888200-6/7-S-39 1st floor-hallway to sewing b Analyzed Date 10/22/2012 888200-6/7-S-40 1st floor-hallway to sewing b Analyzed Date 10/22/2012 888200-6/7-S-40 888200-6/7-S-40	Color Gray uilding/plaster-sk Color White uilding/plaster-ro Color Gray	Non-A Fibrous Non-A Fibrous O% Supplementary of the coat Non-A Fibrous O% Owner Non-A Fibrous O%	Asbestos 100% Asbestos Non-Fibrous 100% Asbestos Non-Fibrous	Asbestos Asbestos Asbestos	Lab Sample ID: Comment Lab Sample ID: Comment	041227161-0051
TEST Client Sample ID: Sample Description: TEST PLM Client Sample ID: Sample Description: TEST PLM Client Sample ID: Client Sample ID: Client Sample ID:	Analyzed	Color Gray uilding/plaster-sk Color White uilding/plaster-ro Color Gray	Non-A Fibrous O% Non-A Fibrous O% Non-A Fibrous O% Non-A Fibrous Non-A Fibrous	Asbestos Non-Fibrous 100% Asbestos Non-Fibrous 100% Asbestos Non-Fibrous 100%	Asbestos Asbestos Asbestos	Lab Sample ID: Comment Lab Sample ID: Comment	041227161-0051
TEST Client Sample ID: Sample Description: TEST Client Sample ID: Sample Description: TEST Client Sample ID: Sample Description:	Analyzed	Color Gray uilding/plaster-sk Color White uilding/plaster-ro Color Gray	Non-A Fibrous O% Non-A Fibrous O% Non-A Fibrous O% Non-A Fibrous Non-A Fibrous	Non-Fibrous 100% Asbestos Non-Fibrous 100% Asbestos Non-Fibrous 100%	Asbestos None Detected Asbestos None Detected	Lab Sample ID: Comment Lab Sample ID: Comment Lab Sample ID:	041227161-0051

Non-Asbestos

Fibrous Non-Fibrous

95%

5%

Asbestos

None Detected

Comment

TEST

PLM

Analyzed

Date

10/22/2012

Color

Gray



Client Sample ID:

EMSL Analytical, Inc.

888200-6/7-S-43

200 Route 130 North Cinnaminson, NJ 08077 Phone/Fax: (800) 220-3675 / (856) 786-5974 http://www.emsl.com / cinnasblab@EMSL.com

EMSL Order ID: Customer ID:

Lab Sample ID:

041227161 CROT30

Customer PO: Project ID:

WSOC

041227161-0054

Summary Test Report for Asbestos Analysis via EPA 600/R-93/116 and/or EPA 600/M4-82-020

Sample Description:	1st floor-NW window in roon	n 113/areen wind					
	TOURIOUS TERM WINDOW IN TOOM	. 3	ow caulking				
	Analyzed		Non-	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Green	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-44					Lab Sample ID:	041227161-0055
Sample Description:	1st floor-SW window in room	n 113/green wind	ow caulking				
TEST	Analyzed Date	Color		Asbestos Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Green	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-45A					Lab Sample ID:	041227161-0056
Sample Description:		09B/4" black cove	ebase				
	Analyzed			Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM 	10/22/2012	Black	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-45B					Lab Sample ID:	041227161-0056A
Sample Description:	1st floor-N corner of room 10	09B/glue					
	Amalimad		N	.			
TEST	Analyzed Date	Color		Asbestos Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Cream	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-46A					Lab Sample ID:	041227161-0057
Sample Description:		00/6" black cover	1200				
	13t 11001-14 corner or 100m 10	Jaro black cover	asc				
	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Black	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-46B					Lab Sample ID:	041227161-0057A
Sample Description:	1st floor-N corner of room 10	09/glue					
	Analyzed		Non-	Asbestos			
TEST	Analyzed Date	Color		Asbestos Non-Fibrous	Asbestos	Comment	
	-	Color Yellow			Asbestos None Detected	Comment	
PLM	Date 10/22/2012		Fibrous	Non-Fibrous		Comment Lab Sample ID:	041227161-0058
PLM Client Sample ID:	Date 10/22/2012 888200-6/7-S-47A	Yellow	Fibrous 0%	Non-Fibrous			041227161-0058
PLM Client Sample ID:	Date 10/22/2012 888200-6/7-S-47A 1st floor-N wall of room 113/	Yellow	Fibrous 0% ovebase	Non-Fibrous 100%			041227161-0058
PLM Client Sample ID: Sample Description:	Date 10/22/2012 888200-6/7-S-47A 1st floor-N wall of room 113/	Yellow 4" glossy black o	Fibrous 0% ovebase Non-A	Non-Fibrous 100% Asbestos	None Detected	Lab Sample ID:	041227161-0058
PLM Client Sample ID: Sample Description: TEST	Date 10/22/2012 888200-6/7-S-47A 1st floor-N wall of room 113/ Analyzed Date	Yellow 4" glossy black c	Fibrous 0% ovebase Non-A	Non-Fibrous 100% Asbestos Non-Fibrous	None Detected Asbestos		041227161-0058
PLM Client Sample ID: Sample Description:	Date 10/22/2012 888200-6/7-S-47A 1st floor-N wall of room 113/	Yellow 4" glossy black o	Fibrous 0% ovebase Non-A	Non-Fibrous 100% Asbestos	None Detected	Lab Sample ID:	041227161-0058 041227161-0058A

Non-Asbestos

Fibrous Non-Fibrous

100%

0%

Asbestos

None Detected

Comment

TEST

PLM

Analyzed

Date

10/22/2012

Color

Yellow



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EMSL Order ID:

041227161 CROT30

Customer PO: Project ID:

WSOC

Summary Test Report for Asbestos Analysis via EPA 600/R-93/116 and/or EPA 600/M4-82-020

Client Sample ID:	888200-6/7-S-48A		<u>, </u>		Lab Sample ID:	041227161-0059
iient Sampie iD: ample Description:					zaz campie ib.	3-1-E1 101-0000
ampie Description:	1st floor-janitors closet/4" t	olue covedase				
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Blue	0% 100%	None Detected		
Client Sample ID:	888200-6/7-S-48B				Lab Sample ID:	041227161-0059A
Sample Description:		ngo adhosivo				0.1.22.10.10000.1
rampic Description.	1st floor-janitors closet/ora	rige auriesive				
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Yellow	0% 100%	None Detected		
Client Sample ID:	888200-6/7-S-49A				Lab Sample ID:	041227161-0060
Sample Description:	1st floor-janitors closet/4" t	olue covehase			•	
,	Tot noon junitors stoods 1					
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Blue	0% 100%	None Detected		
Client Sample ID:	888200-6/7-S-49B				Lab Sample ID:	041227161-0060A
Sample Description:	1st floor-janitors closet/ora	nge adhesive				
	•	3				
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Yellow/Orange	0% 100%	None Detected		
Client Sample ID:	888200-6/7-S-50A				Lab Sample ID:	041227161-0061
Sample Description:	1st floor-N corner of room	113A/4" brown cove	base			
	Analyzed		Non-Asbestos			
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Brown	0% 100% 	None Detected		
Client Sample ID:	888200-6/7-S-50B				Lab Sample ID:	041227161-0061A
Sample Description:	1st floor-N corner of room	113A/glue				
TEOT	Analyzed	0.1	Non-Asbestos		0	
TEST PLM	Date	Color	Fibrous Non-Fibrous 0% 100%	Asbestos	Comment	
- LIVI	10/22/2012	Yellow	0% 100%	None Detected		
Client Sample ID:	888200-6/7-S-51-Linoleum				Lab Sample ID:	041227161-0062
Sample Description:	1st floor-E end of hallway t	to sewing building/ba	ttleship linoleum & paper bac	cking		
			Maria Astron			
TEST	Analyzed	Color	Non-Asbestos	Ashaataa	Comment	
PLM	10/22/2012	Color Brown/Gray	Fibrous Non-Fibrous 20% 80%	Asbestos None Detected	Comment	
		DiowinGlay	2070 0070	NOTE DETECTED	1 - 1 0 - 1 1 1 5	044007464 00000
Client Sample ID:	888200-6/7-S-51-Backing				Lab Sample ID:	041227161-0062A
Sample Description:	1st floor-E end of hallway t	to sewing building/ba	ttleship linoleum & paper bac	cking		
	Analyzad		Non Ashastas			
TEST	Analyzed Date	Color	Non-Asbestos Fibrous Non-Fibrous	Asbestos	Comment	
1531	Date	COIOI	i-ibious Noii-Fibious	Maneatoa	Comment	

80%

20%

None Detected

10/22/2012

Gray

PLM



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041227161 CROT30

Customer PO: Project ID:

WSOC

Summary Test Report for Asbestos Analysis via EPA 600/R-93/116 and/or EPA 600/M4-82-020

TEST	Client Sample ID:	888200-6/7-S-52-Linoleum					Lab Sample ID:	041227161-0063
TEST Data Color Fibrous Non-Fibrous Abbastos Comment	Sample Description:	1st floor-W end of hallway	to sewing building/b	oattleship linol	eum & paper backing			
TEST Data Color Fibrous Non-Fibrous Abbastos Comment								
	TEOT		0-1			Ashastas	Commont	
Client Sample ID: S88200-67-\$-52-Backing							Comment	
Sample Description: 1st floor-W end of hallway to sewing buildings/battleship linoleum & paper backing Analyzed Date Color Non-Asbestos Fibrous Non-Fibrous Asbestos Comment PLM 10/22/2012 Brown/Gray 90% 10% Non-Bibected Non-Detected Image: Color 10/22/2012 Prown/Gray 90% 10% Non-Bibected Lab Sample ID: 041227161-0064 Client Sample ID: Sample Description: Analyzed Date Non-Asbestos Date 10/22/2012 White 0% 100% Non-Fibrous Non-Bibected Asbestos None Detected Comment PLM 10/22/2012 White 10/22/2012 W	PLIVI	10/22/2012	Brown/Gray	15%	85%	None Detected		
TEST	Client Sample ID:	888200-6/7-S-52-Backing					Lab Sample ID:	041227161-0063A
TEST	Sample Description:	1st floor-W end of hallway	to sewing building/b	pattleship linol	eum & paper backing			
PLM		Analyzed		Non	-Asbestos			
Citent Sample ID:	TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
Sample Description: 1st floor-W end of hallway to sewing buildings/white floor vinyl flooring & yellow glue	PLM	10/22/2012	Brown/Gray	90%	10%	None Detected		
TEST Date Color Fibrous Non-Asbestos Non-Brous Asbestos Comment	Client Sample ID:	888200-6/7-S-53					Lab Sample ID:	041227161-0064
TEST Date 10/22/2012 Color Vinite Fibrous Non-Fibrous O% 100% Asbestos None Detected Comment Cilient Sample ID: Sample ID: Sample ID: Sample Description: 88200-667-S-54 Secure Month of Hallway to sewing building/white floor vinyi flooring & yellow glue Lab Sample ID: 041227161-0065 041227161-0065 TEST Date Oolor Fibrous Non-Fibrous Non-Fibrous Non-Fibrous None Detected Asbestos Comment Comment Client Sample ID: Sample Description: 1st floor-We corner of room 111/2x2 brown vinyi flooring & yellow glue Lab Sample ID: 041227161-0066 041227161-0066 TEST Date Oolor Fibrous Non-Fibrous Non-Fibrous Non-Fibrous Non-Fibrous Non-Fibrous Non-Fibrous None Detected Lab Sample ID: 041227161-0066 041227161-0066 TEST Date Oolor Fibrous Non-Fibrous Non-Fibrous Non-Fibrous None Detected Lab Sample ID: 041227161-0066A 041227161-0066A Sample Description: 1st floor-SW corner of room 111/2x2 brown vinyi flooring & yellow glue Lab Sample ID: 041227161-0066A 041227161-0066A TEST Date Oolor Fibrous Non-Asbestos None Detected Comment Lab Sample ID: 041227161-0066A Client Sample ID: Sample ID: 041227161-0066A Secure Pibrous Non-Asbestos None Detected Lab Sample ID: 041227161-0067 TEST Date Oolor	•	1st floor-W end of hallway	to sewing building/v	white floor viny	yl flooring & yellow glue			
TEST Date 10/22/2012 Color Vinite 16/20/2012 White 0% 100% 100% 100% 100% 100% 100% None Detected Client Sample ID: Sample ID: Sample ID: Sample Description: 888200-67/-S-54 1st floor-W end of hallway to sewing building/white floor vinyl flooring & yellow glue Lab Sample ID: 041227161-0965 041227161-0965 TEST Date Oolor Fibrous Non-Fibrous Non-F		Amalumad		Non	Achastas			
PLM	TEST	-	Color			Ashestos	Comment	
Cilient Sample ID: 888200-6/7-S-54 Non-Asbestos Lab Sample ID: 041227161-0065 Analyzed Analyzed TEST Date Color Fibrous Fibrous Non-Fibrous Non-Fibrous Asbestos Comment PLM 10/22/22012 White 0% 100% Non-Detected Client Sample ID: 888200-6/7-S-55-Vinyl Flooring White 0% 100% Non-Asbestos Sample Description: 1st floor-SW corner of room 111/2x2 brown vinyl flooring & yellow glue Asbestos Comment TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM 10/22/2012 Brown 0% 100% None Detected Client Sample ID: 888200-6/7-S-55-Giue Lab Sample ID: 041227161-0066A Sample Description: 1st floor-SW corner of room 111/2x2 brown vinyl flooring & yellow glue Non-Asbestos Comment TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM 10/22/2012 Yellow 0% 100% None Detected Client Sample I							- Commont	
Sample Description: 1st floor-W end of hallway to sewing building/white floor viny! flooring & yellow glue Analyzed Non-Asbestos Asbestos Comment TEST Date Color Fibrous Non-Fibrous Asbestos Comment Client Sample ID: 888200-67/-s-55-Vinyl Flooring Sample Description: 1st floor-SW corner of room 111/2x2 brown vinyl flooring & yellow glue Lab Sample ID: 41227161-0066 Sample Description: Analyzed Non-Asbestos Asbestos Comment TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM 10/22/2012 Brown 0% 100% None Detected Lab Sample ID: 041227161-0066A Sample Description: 1st floor-SW corner of room 111/2x2 brown vinyl flooring & yellow glue Lab Sample ID: 041227161-0066A TEST Date Color Fibrous Non-Fibrous Asbestos Comment TEST Date Color Fibrous Non-Fibrous Asbestos Comment Client Sample ID: Sample Description: 1st flo							I ah Sampla ID:	0/1227161 0065
TEST	•						Lab Sample ID.	041227161-0065
TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM 10/22/2012 White 0% 100% None Detected Client Sample ID: 888200-6/7-S-55-Vinyl Flooring Lab Sample ID: 041227161-0066 Sample Description: 1st floor-SW corner of room 111/2x2 brown vinyl flooring & yellow glue Asbestos Comment TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM 10/22/2012 Brown 0% 100% None Detected Client Sample ID: 888200-6/7-S-55-Glue Lab Sample ID: 041227161-0066A Sample Description: 1st floor-SW corner of room 111/2x2 brown vinyl flooring & yellow glue Asbestos Comment PLM 10/22/2012 Yellow 0% 100% None Detected Client Sample ID: 888200-6/7-S-56 Lab Sample ID: 041227161-0067 Sample Description: 1st floor-doorway entrance to room 111/yellow carpet glue TEST Date Color Fibrous Non-Fibrous Asbestos Comment <td>Sample Description:</td> <td>1st floor-W end of hallway</td> <td>to sewing building/\</td> <td>white floor viny</td> <td>/I flooring & yellow glue</td> <td></td> <td></td> <td></td>	Sample Description:	1st floor-W end of hallway	to sewing building/\	white floor viny	/I flooring & yellow glue			
PLM		Analyzed		Non	-Asbestos			
Client Sample ID: 888200-6/7-S-55-Vinyl Flooring 1st floor-SW corner of room 111/2x2 brown vinyl flooring & yellow glue 1st floor-SW corner of room 111/2x2 brown vinyl flooring & yellow glue	TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
Sample Description: 1st floor-SW corner of room 111/2x2 brown vinyl flooring & yellow glue TEST Date Color Fibrous Asbestos Comment PLM 10/22/2012 Brown 0% 100% None Detected Client Sample ID: 888200-6/7-S-55-Glue Non-Asbestos Lab Sample ID: 041227161-0066A TEST Date Color Fibrous Non-Asbestos Comment PLM 10/22/2012 Yellow Non-Asbestos Asbestos Comment TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM 10/22/2012 Yellow Non-Fibrous Asbestos Comment TEST Date Color Fibrous	PLM	10/22/2012	White	0%	100%	None Detected		
TEST Date Color Fibrous Non-Asbestos Non-Fibrous Asbestos Comment	Client Sample ID:	888200-6/7-S-55-Vinyl Floorir	 ng				Lab Sample ID:	041227161-0066
TEST Date Color Fibrous Non-Fibrous Asbestos Comment	Sample Description:	1st floor-SW corner of roor	n 111/2x2 brown vii	nyl flooring & y	yellow glue			
TEST Date Color Fibrous Non-Fibrous Asbestos Comment		Amalumad		Non	Achastas			
PLM	TEST		Color			Ashastas	Comment	
Client Sample ID: 888200-6/7-S-55-Glue Sample Description: 1st floor-SW corner of room 111/2x2 brown vinyl flooring & yellow glue Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment							Comment	
Sample Description: 1st floor-SW corner of room 111//2x2 brown vinyl flooring & yellow glue Analyzed Non-Asbestos Comment TEST Date Color Fibrous Non-Asbestos Lab Sample ID: 041227161-0067 Sample Description: Analyzed Non-Asbestos Asbestos Comment PLM 10/22/2012 Yellow 0% 100% Non-Detected Limited material Client Sample ID: 888200-6/7-S-57A Lab Sample ID: 041227161-0068 Sample Description: Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment			2101111		10070	None Detected		044007404 00004
Analyzed Non-Asbestos Asbestos Comment	•						Lab Sample ID:	04122/161-0066A
TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM 10/22/2012 Yellow 0% 100% None Detected Client Sample ID: Sample ID: Sample ID: O41227161-0067 Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Non-Fibrous Asbestos Comment PLM 10/22/2012 Yellow 0% 100% None Detected Limited material Client Sample ID: Sample ID: Sample ID: Non-Asbestos Sample Description: 1st floor-N side of entrance to storage closet adj/black floor seperator Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment	Sample Description:	1st floor-SW corner of roon	n 111/2x2 brown vii	nyl flooring & y	yellow glue			
TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM 10/22/2012 Yellow 0% 100% None Detected Client Sample ID: Sample ID: Sample ID: O41227161-0067 Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Non-Fibrous Asbestos Comment PLM 10/22/2012 Yellow 0% 100% None Detected Limited material Client Sample ID: Sample ID: Sample ID: Non-Asbestos Sample Description: 1st floor-N side of entrance to storage closet adj/black floor seperator Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment		Analyzed		Non	-Asbestos			
Client Sample ID: 888200-6/7-S-56 Sample Description: 1st floor-doorway entrance to room 111/yellow carpet glue Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM 10/22/2012 Yellow 0% 100% None Detected Limited material Client Sample ID: 888200-6/7-S-57A Sample Description: 1st floor-N side of entrance to storage closet adj/black floor seperator Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment	TEST		Color	Fibrous	Non-Fibrous	Asbestos	Comment	
Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos PLM 10/22/2012 Yellow 0% 100% None Detected Limited material Client Sample ID: 888200-6/7-S-57A Sample Description: 1st floor-N side of entrance to storage closet adj/black floor seperator Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment Comment None Detected Limited material Lab Sample ID: 041227161-0068 Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment	PLM	10/22/2012	Yellow		100%	None Detected		
Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos PLM 10/22/2012 Yellow 0% 100% None Detected Limited material Client Sample ID: 888200-6/7-S-57A Sample Description: 1st floor-N side of entrance to storage closet adj/black floor seperator Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment Color Fibrous Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment	Client Sample ID:	888200-6/7-S-56					Lab Sample ID:	041227161-0067
Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM 10/22/2012 Yellow 0% 100% None Detected Limited material Client Sample ID: 888200-6/7-S-57A Sample Description: 1st floor-N side of entrance to storage closet adj/black floor seperator Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment	•		to room 111/vellow	/ carnet due			•	
TEST Date Color Fibrous Non-Fibrous Asbestos Comment PLM 10/22/2012 Yellow 0% 100% None Detected Limited material Client Sample ID: 888200-6/7-S-57A Client Sample Description: 1st floor-N side of entrance to storage closet adj/black floor seperator Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment	, , , , , , , , , , , , , , , , , , , ,	13t floor doorway chilanoc	to room 11/1/yellow	r carpet glac				
PLM 10/22/2012 Yellow 0% 100% None Detected Limited material Client Sample ID: 888200-6/7-S-57A Lab Sample ID: 041227161-0068 Sample Description: 1st floor-N side of entrance to storage closet adj/black floor seperator Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment		Analyzed		Non	-Asbestos			
Client Sample ID: 888200-6/7-S-57A Lab Sample ID: 041227161-0068 Sample Description: 1st floor-N side of entrance to storage closet adj/black floor seperator Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment						Asbestos		
Sample Description: 1st floor-N side of entrance to storage closet adj/black floor seperator Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment	PLM	10/22/2012	Yellow	0%	100%	None Detected	Limited material	
Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous Asbestos Comment	Client Sample ID:	888200-6/7-S-57A					Lab Sample ID:	041227161-0068
TEST Date Color Fibrous Non-Fibrous Asbestos Comment	Sample Description:	1st floor-N side of entrance	to storage closet a	dj/black floor	seperator			
TEST Date Color Fibrous Non-Fibrous Asbestos Comment		Analyzod		Non	-Ashestos			
	TEST		Color			Asbestos	Comment	
	PLM	10/22/2012	Black			None Detected		



Client Sample ID:

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EMSL Order ID: Customer ID:

Lab Sample ID:

041227161-0071A

041227161 CROT30

Customer PO: Project ID:

WSOC

Summary Test Report for Asbestos Analysis via EPA 600/R-93/116 and/or EPA 600/M4-82-020

Client Sample ID:	888200-6/7-S-5/B	Lab Sample ID:	041227161-0068A

Sample Description: 1st floor-N side of entrance to storage closet adj/glue

	Analyzed		Non-Asbestos				
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment		
PLM	10/22/2012	Yellow	0% 100%	None Detected			
Client Sample ID:	888200-6/7-S-58				Lab Sample ID:	041227161-0069	

Sample Description: 1st floor-N end of hallway adj to fire exit stairw/green window caulk

	Analyzed		Non-Asbestos				
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment		
PLM	10/22/2012	Green	0% 100%	None Detected			
Client Sample ID:	888200-6/7-S-59				Lab Sample ID:	041227161-0070	

Sample Description: Basement-N end of hallway adj to fire exit stairwa/green window caulk

	Analyzed		Non-Asbestos				
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment		
PLM	10/22/2012	Green	0% 100%	None Detected			
Client Semple ID:	888200 6/7 5 604				I ah Samnle ID:	041227161-0071	

Sample Description: 1st floor landing-at entrance to room 105/gray vinyl stair tread

	Analyzed		Non-A	sbestos		
TEST	Date	Color	Fibrous N	lon-Fibrous	Asbestos	Comment
PLM	10/22/2012	Gray	0%	100%	None Detected	

Sample Description: 1st floor landing-at entrance to room 105/glue

888200-6/7-S-60B

	Analyzed	Non-Asbestos					
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Yellow	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-61A					Lab Sample ID:	041227161-0072

Sample Description: Basement landing-in stairwell leading to S connect/gray vinyl stair tread

	Analyzed		Non-A	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Gray	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-61B					Lab Sample ID:	041227161-0072A

Sample Description: Basement landing-in stairwell leading to S connect/glue

	Analyzed		Non-	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Yellow	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-62					Lab Sample ID:	041227161-0073

Sample Description: 1st floor-N side of room 105/light gray floor leveled

	Analyzed		Non-Asbestos		
TEST	Date	Color	Fibrous Non-Fibrous	Asbestos	Comment
PLM	10/22/2012	Gray/Yellow	0% 100%	None Detected	Mastic & levler composited



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EMSL Order ID: Customer ID:

041227161 CROT30

Customer PO:

Project ID:

WSOC

Summary Test Report for Asbestos Analysis via EPA 600/R-93/116 and/or EPA 600/M4-82-020

Client Commis ID:	888200-6/7-S-63A-Floor Tile					Lab Sample ID:	041227161-0074
Client Sample ID:						Lub Gumpie IB.	041227101-0074
Sample Description:	1st floor-NE corner of South of	room 105 un-	number/dark bro	wn floor tile			
	Analyzed		Non /	Asbestos			
TEST	Analyzed Date	Color		Aspestos Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Brown	0%	94%	6% Chrysotile		
					,	Lab Sample ID:	041227161-0074A
Client Sample ID:	888200-6/7-S-63B-Black Mastic					Lab Sample ID.	041227161-0074A
Sample Description:	1st floor-NE corner of South of	room 105 un-	number/black ma	astic			
	Analyzed		Non-4	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Black	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-63C-Yellow Mastic					Lab Sample ID:	041227161-0074B
Sample Description:						Lub Gampie ib.	041227101-00745
sample Description.	1st floor-NE corner of South of	105 un-	number/dark bro	wn noor tile			
	Analyzed		Non-A	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Yellow	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-63D-Backing					Lab Sample ID:	041227161-0074C
Sample Description:	1st floor-NE corner of South of	room 105 un-	number/dark bro	wn floor tile		,	
	13t 11001-INE COME OF SOUTH OF	100111 100 u11-	number/dark bro	wir noor the			
	Analyzed		Non-A	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Brown	90%	10%	None Detected		
Client Sample ID:	888200-6/7-S-64A-Floor Tile					Lab Sample ID:	041227161-0075
Sample Description:	1st floor-large main room S of	room 108A/da	rk brown floor tile	<u> </u>			
	Analyzed		Non-A	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Brown	0%	97%	3% Chrysotile		
Client Sample ID:	888200-6/7-S-64B-Black Mastic					Lab Sample ID:	041227161-0075A
Sample Description:	1st floor-large main room S of	room 108A/bla	ack mastic				
	Analyzed		Non-A	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Black	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-64B-Yellow Mastic					Lab Sample ID:	041227161-0075B
Sample Description:	1st floor-large main room S of	room 108A/bla	ack mastic				
	Analyzed			Asbestos		_	
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Yellow	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-64B-Backing					Lab Sample ID:	041227161-0075C
Sample Description:	1st floor-large main room S of						
	Analyzed			sbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	

85%

15%

None Detected

10/22/2012

Brown

PLM



200 Route 130 North Cinnaminson, NJ 08077 Phone/Fax: (800) 220-3675 / (856) 786-5974 http://www.emsl.com / cinnasblab@EMSL.com

EMSL Order ID: Customer ID: 041227161 CROT30

Customer PO: Project ID:

WSOC

Summary Test Report for Asbestos Analysis via EPA 600/R-93/116 and/or EPA 600/M4-82-020

Sample Description:	1st floor-NE wall-under bas	eboard heat/browr	fire ston				
			i ilie stop				
	Analyzed		Non-4	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Brown	3%	97%	None Detected		
Client Sample ID:	888200-6/7-S-66					Lab Sample ID:	041227161-0077
Sample Description:	1st floor-NW wall under bas	eboard heat/brow	n fire stop				
	Analysed		Non /	Nahaataa			
TEST	Analyzed Date	Color		Asbestos Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Brown	5%	95%	None Detected		
	888200-6/7-S-67A					Lab Sample ID:	041227161-0078
Client Sample ID:		4004/ 13/ 5				Lab Sample ID.	041227101-0070
Sample Description:	1st floor-NW corner of room	109A/white floor	tile				
	Analyzed		Non-A	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012		0%	97%	3% Chrysotile		
Client Sample ID:	888200-6/7-S-67B					Lab Sample ID:	041227161-0079
Sample Description:	1st floor-NW corner of room	109A/vellow mas	tic				
		,					
	Analyzed		Non-A	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Yellow	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-68A					Lab Sample ID:	041227161-0080
Sample Description:	1st floor-NW corner of room	109A/white floor	tile				
TEST	Analyzed Date	Color		Asbestos Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	White	0%	97%	3% Chrysotile	Comment	
	888200-6/7-S-68B					Lab Sample ID:	041227161-0081
Client Sample ID:						Lau Sample ID.	041227101-0001
Sample Description:	1st floor-NW corner of room	109A/yellow mas	tic				
	Analyzed		Non-A	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Yellow	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-69					Lab Sample ID:	041227161-0082
Sample Description:	1st floor-NW corner of janito	ors closet/blue roug	gh linoleum & g	reen adhesive		•	
TEST	Analyzed	Color		Asbestos	Anh4	Comment	
TEST PLM	Date	Crov/Pluo		Non-Fibrous	Asbestos	Comment	
LIVI	10/22/2012	Gray/Blue	5%	95%	None Detected		
Client Sample ID:	888200-6/7-S-69-Adhesive					Lab Sample ID:	041227161-0082A

Non-Asbestos

Fibrous Non-Fibrous

95%

5%

Asbestos

None Detected

Comment

TEST

PLM

Analyzed

Date

10/22/2012

Color

Green



200 Route 130 North Cinnaminson, NJ 08077 Phone/Fax: (800) 220-3675 / (856) 786-5974 http://www.emsl.com / cinnasblab@EMSL.com

EMSL Order ID:

041227161 CROT30

Customer PO: Project ID:

WSOC

Summary Test Report for Asbestos Analysis via EPA 600/R-93/116 and/or EPA 600/M4-82-020

Client Sample ID:	888200-6/7-S-70					Lab Sample ID:	041227161-0083
Sample Description:	1st floor-NE corner of janito	ors closet/blue roug	gh linoleum & gre	en adhesive			
	Analyzed		Non-A	sbestos			
TEST	Date	Color	Fibrous N	lon-Fibrous	Asbestos	Comment	
PLM	10/23/2012	Gray/Blue	5%	95%	None Detected		
Client Sample ID:	888200-6/7-S-70-Adhesive					Lab Sample ID:	041227161-0083A
Sample Description:	1st floor-NE corner of janito	ors closet/blue roug	gh linoleum & gre	en adhesive			
	Analyzed		Non-A	sbestos			
TEST	Date	Color	Fibrous N	lon-Fibrous	Asbestos	Comment	
PLM	10/23/2012	Green	5%	95%	None Detected		
Client Sample ID:	888200-6/7-S-71					Lab Sample ID:	041227161-0084
Sample Description:	Basement-NE corner of No	rtheast mechanica	I room/white pipe	e mastic			
	Analyzed		Non-A	sbestos			
TEST	Date	Color		lon-Fibrous	Asbestos	Comment	
PLM	10/22/2012	White	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-72					Lab Sample ID:	041227161-0085
Sample Description:	Basement-NW corner of ro	om 009/white pipe	mastic				
	Analyzed			sbestos			
TEST	Date	Color		lon-Fibrous	Asbestos	Comment	
PLM	10/23/2012	White	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-73					Lab Sample ID:	041227161-0086
Sample Description:	Basement-NW wall of NE r	mech room/white e	ncapsalent				
	Analyzed		Non-A	sbestos			
TEST	Date	Color		lon-Fibrous	Asbestos	Comment	
PLM	10/22/2012	White	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-74					Lab Sample ID:	041227161-0087
Sample Description:	Basement-S wall in small re	oom off of NE mec	h rm/white encap	osalent			
	Analyzed			sbestos			
TEST	Date	Color		lon-Fibrous	Asbestos	Comment	
PLM	10/23/2012	White	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-75					Lab Sample ID:	041227161-0088
Sample Description:	Basement-E end of hallway	adj to NE mech ri	m/black mastic re	emnant			
	Analyzed			sbestos			
TEST	Date	Color		lon-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Black	0%	92%	8% Chrysotile		
Client Sample ID:	888200-6/7-S-76					Lab Sample ID:	041227161-0089
Sample Description:	W end of hallway-hallway t	o sewing bldg/blac	k mastic remnan	t			
	Analyzed		Non-A	sbestos			
TEST	Date	Color		lon-Fibrous	Asbestos	Comment	
	10.000						

0%

98%

2% Chrysotile

10/23/2012

Black

PLM



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EMSL Order ID: Customer ID:

041227161 CROT30

Customer PO: Project ID:

WSOC

Summary Test Report for Asbestos Analysis via EPA 600/R-93/116 and/or EPA 600/M4-82-020

Client Sample ID:	888200-6/7-S-77					Lab Sample ID:	041227161-0090
Sample Description:	N wall-E end of hallway/red fire	stop					
	Analyzad		No. /	Asbestos			
TEST	Analyzed Date	Color		Aspestos Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	Red	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-78					Lab Sample ID:	041227161-0091
Sample Description:	Center of ceiling in rm 006/popo	corn ceiling					
	Analyzed		Non-4	Asbestos			
TEST	Date	Color		Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	White	0%	100%	None Detected	Sample contains The sample group homogeneous	vermiculite. o does not appear to be
Client Sample ID:	888200-6/7-S-79					Lab Sample ID:	041227161-0092
Sample Description:	Center of ceiling in rm 008/popo	corn ceiling					
TEST	Analyzed Date	Color		Asbestos Non-Fibrous	Asbestos	Comment	
400 PLM Pt Ct	10/22/2012	White	0%	99.50%	0.50% Chrysotile		
Client Sample ID:	888200-6/7-S-80				· · · · · · · · · · · · · · · · · · ·	Lab Sample ID:	041227161-0093
Sample Description:	Center of ceiling in rm 007/popo	orn ceiling				,	
	Center of Centing III III 001/pope	John Celling					
	Analyzed		Non-A	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012		0%	100%	None Detected	Sample contains	vermiculite.
Client Sample ID:	888200-6/7-S-81					Lab Sample ID:	041227161-0094
Sample Description:	Center of closet in rm 007/popc	orn ceiling					
	Analyzed			Asbestos		0	
TEST PLM	Date 10/22/2012	Color	Fibrous 0%	Non-Fibrous	Asbestos	Sample contains	vermiculite
	10/22/2012		0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-82					Lab Sample ID:	041227161-0095
Sample Description:	Center of rm 009 (large mech rr	n)/popcorn ce	iling				
	Analyzed		Non-A	Asbestos			
TEST	Date	Color	Fibrous	Non-Fibrous	Asbestos	Comment	
PLM	10/23/2012	White	0%	100%	None Detected	Sample contains	vermiculite.
Client Sample ID:	888200-6/7-S-83					Lab Sample ID:	041227161-0096
Sample Description:	Center of rm 006/textured ceilin	g patch					
	Analyzed		Man /	Asbestos			
TEST	Analyzed Date	Color		Aspesios Non-Fibrous	Asbestos	Comment	
PLM	10/22/2012	White	0%	100%	None Detected		
Client Sample ID:	888200-6/7-S-84			·····		Lab Sample ID:	041227161-0097
Sample Description:	E wall of rm 006/JC					_aa campio ibi	
p.c 2 coorpaon	L Wall Of HIT 000/JC						
	Analyzed		Non-A	Asbestos			
		0.1.					

Fibrous Non-Fibrous

99.75%

0%

Date

10/22/2012

Color

White

TEST

400 PLM Pt Ct

Comment

Asbestos

0.25% Chrysotile



200 Route 130 North Cinnaminson, NJ 08077 Phone/Fax: (800) 220-3675 / (856) 786-5974 http://www.emsl.com / cinnasblab@EMSL.com

EMSL Order ID: Customer ID: 041227161 CROT30

Customer PO: Project ID:

WSOC

Summary Test Report for Asbestos Analysis via EPA 600/R-93/116 and/or EPA 600/M4-82-020

 Client Sample ID:
 888200-6/7-S-85
 Lab Sample ID:
 041227161-0098

Sample Description: E wall of rm 006/SR

 Analyzed
 Non-Asbestos

 TEST
 Date
 Color
 Fibrous
 Non-Fibrous
 Asbestos
 Comment

 PLM
 10/22/2012
 Gray
 5%
 95%
 None Detected

Client Sample ID: 888200-6/7-S-86 Lab Sample ID: 041227161-0099

Sample Description: room 00/JC

 Analyzed
 Non-Asbestos

 TEST
 Date
 Color
 Fibrous
 Non-Fibrous
 Asbestos
 Comment

 400 PLM Pt Ct
 10/23/2012
 White
 0%
 100%
 <0.25%</td>
 Chrysotile

Client Sample ID: 888200-6/7-S-87 Lab Sample ID: 041227161-0100

Sample Description: room 00/SR

 Analyzed
 Non-Asbestos

 TEST
 Date
 Color
 Fibrous
 Non-Fibrous
 Asbestos
 Comment

 PLM
 10/23/2012
 White
 7%
 93%
 None Detected

PLM: Certification #PB091886 (JP); #PB812017 (CB) & #PB548328 (NS)

PLM 400 Point Count: Certification #PB091886 (JP); #PB812017 (CB) & #PB548328 (NS)

Analyst(s)

 Chelsey Bilhear
 PLM 400 PLM Pt Ct
 (48) (2)

 Juli Patel
 PLM PLM
 (64)

 Nancy Stalter
 PLM 400 PLM Pt Ct
 (1)

Stephen Siegel, CIH, Laboratory Manager or other Approved Signatory

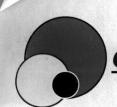
Any questions please contact Steve Siegel.

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Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AlHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036

Initial report from: 10/23/201206:45:21

041227161



191755140

Crothers Environmental Group, LLC

29 Duncan Road Morrisville, Vermont 05661 Phone 802-888-1936 info@crothersenvironmental.com

CHAIN OF CUSTODY "ASBESTOS" VERMONT SAMPLES

To:

EMSL Analytical 200 Rt. 130 North

Cinnaminson, NJ 08077

Date Samples Collected:

October 9, 2012

Account Representative: Samples Collected By:

Ellen Podell Christopher Clement

CEG Project No.:

888200-6/7 S

Project Name:

WSOC - 6/7 South Building - Waterbury, Vermont

Work Area:

Throughout

E-Mail Results to: chris@crothersenvironmental.com

Analysis Requested: Polarized Light Microscopy

Method of Shipments FedEx

D

Sample #	Sample Description, Homogenous Area	Sample Location
888200-6/7 S-1	Joint compound (JC)	2rd floor - rm 211 - Ni wall
888200-6/7 S-2	Sheetrock (SR)	100 - 11 11
888200-6/7 S-3	OC	- RM 201- N. Wall
888200-6/7 S-4	SR	',
888200-6/7 S-5	Plaster skim coat	- S. wall of hallway outgine in
888200-6/7 S-6	Plaster rough coat	
888200-6/7 S-7	Plaster Skim coat	- w. wall of hallway outside m
888200-6/7 S-8	Plaster rough coat	
888200-6/7 S-9	Plaster Skim coat	- 5. wall of hallway outside in
888200-6/7 S-10	Plaster rough coat	
888200-6/7 S-11	6" black covebase + Yellow Color	- N. wall of office partition in con
888200-6/7 A S-12 B	T' glossy black conebase + Yellangla	
888200-6/7A S-13	4" black covebase + yellow grow	
888200-6/7 S-14	Black flow Saparata	Janitor's closet a doorway
888200-6/7 S-15	Brown ZXZ vinyl flaxing tyle	1- 11 N. Side
888200-6/7 S-16	4" brown Corebose tyellow glue	- Room ZII - S. W. Sido ofrom
888200-6/7 S-17	Gray Just Sealon	- N.F. corner of claduric stage road

Asbestos Chain of Custody WSOC - 6/7 South Building - Waterbury, VT RECEIVED EMSL CINNAMINSON, N.J. O41227161 October 9, 2012 Crothers Environmental Group, LLC - Page 2 of 4

Sample #	Sample Description, Homogenous Area	Sample Location
888200-6/7 S-18	Red fire Stop	2nd Floor - Hallway of jacent to Room 213 window on S. wall of hallway outsilo room to
888200-6/7	rea The Stop	Lindow on
S-19	Green window Caulk	-5. Wall of hallway outs no room to
888200-6/7		At 10 33
S-20	Yellow carpet glue	- Entrance to Room ZoZ
888200-6/7		- Window on Sto Curner wall of hallway a
S-21	Green Window Cao/K	- Window on Sto Curner wall of of Royn
888200-6/7		
S-22	Light gray floor leveles	- W. Side of Room ZolB
888200-6/7		-Eside & Room 2dB
S-23		310 & ROPECUID
888200-6/7 S-24	Contains	7 - E. Corner Of Room Zol
888200-6/7	Crange Carpet glue	
S-25		-W. Corner Of Roam ZU
888200-6/7 A	Black floor file W Brown floor leveler,	
S-26	White floor loweler and Orange glue in bottom of	He. 1 - W. side of Room 703
888200-6/7 A		
S-27		- E. Cane / of Room 203
888200-6/7	Vall so 1 10	1-11-11 1 2 2 2
S-28	Yellow Carpet give	-At entrance to Room 202
888200-6/7	Black mastic Under light gray	- N.F. corner of Room 2/2
S-29 888200-6/7	Plan leneler	Wit Cother of Noom at
S-30	(/ // //	TW side Of Room 2/2
888200-6/7A	11 , 1 , 1 , 1	
S-31	Homasote under black mastic	- N.W Corner of Room 210
888200-6/7A		
S-32		
888200-6/7	- AL C 3000 - OA 1	LICI OF ROOM 105
S-33	Sort Compound	124 41001-7 Mall Andrews
888200-6/7	Sheatrack	~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
S-34	0,0000	A SOFT
888200-6/7 S-35	Sort Compound	- Outer N. Wall Of Room 106
888200-6/7	South Confune	, 0 ? ,
S-36	Sheetrack	(, ", o, -(,
888200-6/7		
S-37	Plaster-Strin coat	- N.W. Corner of Room 108
888200-6/7		- 11 1/ 1/
S-38	Plaster Rough coat	
888200-6/7		1-Hall - 15 - 2:11:
S-39	Plaster-Skim coat	1 - Hallway to Sowing Building

041227161 October 9, 2012 Crothers Environmental Group, LLC - Page 3 of 4

	EM	C1	
			11 1
CINNA	HIPT.	oun.	N.J.

Sample #	Sample Description, Homogenous Area	ample Location	
888200-6/7 S-40	Plaster-Roughcoat	- Floor - Hallway to S	awing Building
888200-6/7 S-41	Plaster-Smooth coat	1 - N. corners	FROOM 113A
888200-6/7 S-42	Plaster-Rough Cost	, ~ 0	· ·
888200-6/7 S-43	Green window Caulting	- Niwi Window	win Room 113
888200-6/7 S-44	" " "	- 5. Mindows	n Room H3
888200-6/7 S-45	4" black Covebase and glue	- N Corner of 1	200m 109B
888200-6/7 S-46	6" black covelage and glue	- N. Corner OF K	200m 109
888200-6/7 S-47	4" glossy black congress + glue	N. Wall of	Koom 13
888200-6/7 S-48	4" Live carebase + Orange addesin	- Jantors	closet
888200-6/7 S-49		11 - 1	N
888200-6/7 S-50	4" brown Corobase + glue	" - M. Corner	× Room 1/3A
888200-6/7 S-51	Battle Ship Linolount backing	- E. end of he	Mway to Sounce Bux
888200-6/7 S-52	(1) (1)	W. ent of	(花 (
888200-6/7 S-53	White Hav level under Indown	- We end of	11 = 11
888200-6/7 S-54		- (N AN COSTA
888200-6/7 S-55	ZXZ brown my Floring tellow	-SIW Corner of	PROOF IT
888200-6/7 S-56	Yellow Carpet glue	- Lorway ento	ace to Room!
888200-6/7 S-57	Black Flow Soperator + glue	1- Niside d'ento	avec to storage closel
888200-6/7 S-58	Green window caulk	- No ent of halli	ay all to fire exits
888200-6/7 S-59	11 11 11	compat - N. ead of hallow	
888200-6/7 S-60	Gray viny Star tread + glue	st floortanding-Ate	
888200-6/7 S-61		asement Landing-	Statement locating and

1

12176140

October 9, 2012

Crothers Environmental Group, LLC - Page 4 of 4

Asbestos Chain of Custody $WSOC-6/7 \; South \; Building-Waterbury, \; VT$

Section of Ram floor levels of Ram 105 1888200-6/7 18-64 1888200-6/7 18-65 1888200-6/7 18-66 1888200-6/7 18-66 1888200-6/7 18-67 18-68 1888200-6/7 18-68 1888200-6/7 18-69 1888200-6/7 18-70 1888200-6/7 1888200-6/7 18-70 1888200-6/7 18-70 1888200-6/7 188	*		IMac
Second of Ram 100 revelor st floor - N. Side of Ram 105 888200-6/7 8-63 888200-6/7 8-64 888200-6/7 8-65 888200-6/7 8-65 888200-6/7 8-66 888200-6/7 8-67 8-68 888200-6/7 8-68 888200-6/7 8-70 888200-6/7 8-71 888200-6/7 8-72 888200-6/7 8-73 888200-6/7 8-74 888200-6/7 8-75 888200-6/7 8-76 888200-6/7 8-77 8-78 888200-6/7 8-78 888200-6/7 8-79 888200-6/7 888200-6/7 888200-6/7 8-79 888200-6/7 888200-6/7 888200-6/7 8-79 888200-6/7 888200-6/7 888200-6/7 888200-6/7 888200-6/7 888200-6/7 888200-6/7 888	Sample #	Sample Description, Homogenous Area	Sample Location
S88200-6/7 S-64 888200-6/7 S-65 888200-6/7 S-66 888200-6/7 S-66 888200-6/7 S-66 888200-6/7 S-68 888200-6/7 S-68 888200-6/7 S-70 888200-6/7 S-72 888200-6/7 S-73 Write enapsalant S-2 S-3 S-4 S-4 S-4 S-5 S-7 Back Mactic remnant Point count if asbestos content is found to be less than 2% elinquished by: Point count if asbestos content is found to be less than 2% elinquished by: Date: D-12-12-12-12-12-12-12-12-12-12-12-12-12-	888200-6/7 S-62	Light gran dancher place	kt flore 11. Side of Porns 105
Section of Brown Fire Stop Brown Fire Stop N. W. Wall under baseboard hoat 888200-6/7 8-66 888200-6/7 8-67 But Flax tile tyellow mastic N. W. Corner of Fantors Clos 888200-6/7 8-69 888200-6/7 8-70 888200-6/7 8-71 888200-6/7 8-72 888200-6/7 8-73 888200-6/7 8-73 888200-6/7 8-73 888200-6/7 8-73 888200-6/7 8-74 888200-6/7 8-75 888200-6/7 8-75 888200-6/7 8-75 888200-6/7 8-75 888200-6/7 8-75 888200-6/7 8-75 888200-6/7 8-75 888200-6/7 8-75 888200-6/7 8-75 888200-6/7 8-75 888200-6/7 8-75 888200-6/7 8-75 888200-6/7 8-75 888200-6/7 8-75 888200-6/7 8-75 888200-6/7 8-75 888200-6/7 8-76 888200-6/7 8-72 888200-6/7 8-73 888200-6/7 8-74 888200-6/7 8-75 888200-6/7 8-75 888200-6/7 8-75 888200-6/7 8-76 888200-6/7 8-77 8-78 888200-6/7 8-79 888200-6/7 8-79 888200-6/7 8-79 888200-6/7 8-79 888200-6/7 8-79 888200-6/7 8-79 888200-6/7 8-79 888200-6/7 8-79 888200-6/7 8-79 888200-6/7 8-79 888200-6/7 8-79 888200-6/7 8-79 888200-6/7 8-70 888200-6/7 8-70 888200-6/7 8-70 888200-6/7 8-70 888200-6/7 8-71 888200-6/7 8-72 888200-6/7 8-72 888200-6/7 8-72 888200-6/7 8-72 888200-6/7 8-73 888200-6/7 8-74 888200-6/7 8-75 888200-6/7 8-72 888200-6/7 888200	888200-6/7 S-63	Dark brown Flantile + # waste	- N.E Corner of south of Rounds
888200-6/7 RS-66 888200-6/7 RS-66 888200-6/7 RS-68 888200-6/7 RS-68 888200-6/7 RS-68 888200-6/7 RS-68 888200-6/7 RS-68 888200-6/7 RS-70 888200-6/7 RS-70 888200-6/7 RS-70 888200-6/7 RS-71 888200-6/7 RS-72 888200-6/7 RS-72 888200-6/7 RS-73 888200-6/7 RS-73 888200-6/7 RS-73 888200-6/7 RS-73 888200-6/7 RS-73 888200-6/7 RS-74 888200-6/7 RS-74 888200-6/7 RS-75 Pack Machic remnant Point count if asbestos content is found to be less than 2% Point count if asbestos content is found to be less than 2% Point count if asbestos content is found to be less than 2% Point count if asbestos content is found to be less than 2% Point count if asbestos content is found to be less than 2%	888200-6/7 S-64	" Black t mastic	v - Large main room S. of Room 10
888200-6/7 ps. S-67 888200-6/7 ps. S-68 888200-6/7 ps. S-68 8888200-6/7 ps. S-69 8888200-6/7 ps. S-69 8888200-6/7 ps. S-70 8888200-6/7 ps. S-70 8888200-6/7 ps. S-72 8888200-6/7 ps. S-72 8888200-6/7 ps. S-73 8888200-6/7 ps. S-73 8888200-6/7 ps. S-74 8888200-6/7 ps. S-75 Back mastic remnant Point count if asbestos content is found to be less than 2% Point count if asbestos content is found to be less than 2% Point count if asbestos content is found to be less than 2% Point count if asbestos content is found to be less than 2% Point count if asbestos content is found to be less than 2% Point count if asbestos content is found to be less than 2%	888200-6/7 S-65		I III III
888200-6/7 8-68 888200-6/7 8-69 Blue Rough Indownt gran allosine 888200-6/7 8-70 888200-6/7 8-70 888200-6/7 8-71 White Pipe Meestie Basanott N.E. Cornor of Janitors Clos 888200-6/7 8-72 888200-6/7 8-73 888200-6/7 8-74 888200-6/7 8-75 Back Mastic remnant Point count if asbestos content is found to be less than 2% elinquished by: Point count if asbestos content is found to be less than 2% elinquished by: Date:	888200-6/7 S-66	'' ''	" - N.W. Wall under baseboard hoof
888200-6/7 8-69 Blue Ray Indeum gran allowing - N.W. Corner of Janitors Clop 888200-6/7 8-70 - N.E. Northeast 888200-6/7 8-71 888200-6/7 8-72 - N.W. Corner of Room of 9 888200-6/7 8-73 - N.W. Corner of Room of 9 888200-6/7 8-74 888200-6/7 8-74 888200-6/7 8-75 Back Mastr remnant - C. Pud of hallway adj. to N.E. Point count if asbestos content is found to be less than 2% elinquished by: Point count if asbestos content is found to be less than 2% Point count if asbestos content is found to be less than 2%	888200-6/7 px S-67 13	I hite Flox the typho mastic	" - N.W. Corner of Room 109A
8869 Blue Ray Industry an allowing 888200-6/7 8-70 888200-6/7 8-71 White Pipe Mee Stie Beswert N.E. Cornor of Mahancal room 888200-6/7 8-72 888200-6/7 8-73 888200-6/7 8-74 888200-6/7 8-74 888200-6/7 8-75 Back Mastic remnant	S-68 73		
888200-6/7 S-71 White Pipe Meestic Brawatt N.C. Cornor of Mathiast room 888200-6/7 S-72 888200-6/7 S-73 888200-6/7 S-74 888200-6/7 S-75 Back Mastic remaint Point count if asbestos content is found to be less than 2% Point count if asbestos content is found to be less than 2% Point count if asbestos content is found to be less than 2% Point count if asbestos content is found to be less than 2%	S-69	Blue Rough Indount gran allosing	N - N.W. Corner of Janifors clos
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888200-6/7 S-73 White eneapsalant N.W. Wall & N.C. Med. Row 888200-6/7 S-74 888200-6/7 S-75 Back Mastrc remnant Point count if asbestos content is found to be less than 2% Point count if asbestos content is found to be less than 2% Date: 0-12-12-	S-71	White Pipe mustic	Basamont N.E. Cornor of Madanical room
888200-6/7 S-74 888200-6/7 S-75 Back Mastr General Point count if asbestos content is found to be less than 2% Point count if asbestos content is found to be less than 2% Point count if asbestos content is found to be less than 2%	S-72	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	- N.W. Corner of Room 009
S-74 888200-6/7 S-75 Back Mastrc remnant C. End of hallway adj. to Net mech room to Net Mallway adj. to Net mech room to Ne	S-73	White eneapsalant	1 - N.W Wall of N.C. Mech. Roon
Point count if asbestos content is found to be less than 2% Point count if asbestos content is found to be less than 2% Point count if asbestos content is found to be less than 2% Point count if asbestos content is found to be less than 2%	S-74		-S. wall insmall round of N.E. Male
Point count if asbestos content is found to be less than 2% elinquished by: Date: Date:	888200-6/7 S-75	Black mastrcremnant	- E. end of hallway adj. to N.
	urnaround Tin	7	48 Hour 72 Hour 5 day
eceived by: Alk EUSL EX Date 10/14/12 9:154	Relinquished by		<i>V V</i>
	leceived by:	ALL EUSL EX	Date 10/14/12 9:154

More on next page

6/7 South 041227161 Sample Description Sample location Sample # 6/75-76 + Black Mastic remnant W. end of hallway-thallway to Sewing Blog N. was - E. end of hallway 6/75-77- Ked frastop 6/25-78- & Popcorn ceining Center of ceiling in ran 006 675-79- 38 11 11 007 675-80-11 6/75-81-Center of closet in rm 007 6/75-82 11 Center of rm oof (large mech room) 6/75-83- textored ceiling patch P Center of rm 006 6/78 84-E. wall of rmoof 6/75-85-675-86-JC (00M 00 675-87- 82 6/75-88-6/75-89. 6/75-70-6/75-91 6/75-92 6/75-93 6/75-94 75-95 0/75-96 475-97 675-98 12599 8/75-160

041227161



200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (800) 220-3675 / (856) 786-5974

cinnasblab@EMSL.com http://www.EMSL.com

EMSL Order: 041324634 CustomerID: CROT30

CustomerPO:

ProjectID: WSOC

Attn: Chris Crothers

Crothers Environmental Group

29 Duncan Road Morrisville, VT 05661 Phone: (802) 888-1936

Fax:

Received: 09/12/13 9:15 AM

Analysis Date: 9/13/2013 Collected: 9/11/2013

Project: 888200-SHC - South Hytoric Core

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

			Non-As	<u>bestos</u>	<u>Asbestos</u>
Sample	Description	Appearance	% Fibrous	% Non-Fibrous	% Type
200-SHC-19 041324634-0001	5 SOUTH, 2ND FLOOR, N. SIDE OF CIRCULAR AREA - PLASTER IN SUB FLOOR	Gray Non-Fibrous Homogeneous	5% Hair	95% Non-fibrous (other)	None Detected
200-SHC-20 041324634-0002	6/7 SOUTH, 2ND FLOOR, S.W. SIDE - PLASTER IN SUB FLOOR	Gray Non-Fibrous Homogeneous		96% Non-fibrous (other)	4% Chrysotile
200-SHC-21 041324634-0003	1, 2, 3 SOUTH, 2ND FLOOR, ROOM 207 - PLASTER IN SUB FLOOR	Gray Non-Fibrous Homogeneous	5% Hair	95% Non-fibrous (other)	None Detected
200-SHC-22 041324634-0004	1, 2, 3 SOUTH, 2ND FLOOR, ADJ. ELEVATOR - PLASTER IN SUB FLOOR	Gray Non-Fibrous Homogeneous	5% Hair	95% Non-fibrous (other)	None Detected
200-SHC-23 041324634-0005	1, 2, 3 SOUTH, 2ND FLOOR, ROOM 211 - PLASTER IN SUB FLOOR	Gray Non-Fibrous Homogeneous	5% Hair	95% Non-fibrous (other)	None Detected
200-SHC-24 041324634-0006	1, 2, 3 SOUTH, 2ND FLOOR, ROOM 217 - PLASTER IN SUB FLOOR	Gray Non-Fibrous Homogeneous	5% Hair	95% Non-fibrous (other)	None Detected

Analyst(s)

Erica Valent (6) Juli Patel (1)

Stephen Siegel, CIH, Laboratory Manager or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367

Initial report from 09/13/2013 07:28:14



200 Route 130 North, Cinnaminson, NJ 08077 Phone/Fax: (800) 220-3675 / (856) 786-5974

cinnasblab@EMSL.com http://www.EMSL.com

EMSL Order: 041324634 CustomerID: CROT30

CustomerPO:

WSOC ProjectID:

Attn: Chris Crothers

Crothers Environmental Group

29 Duncan Road Morrisville, VT 05661 Phone: (802) 888-1936

Fax:

Received: 09/12/13 9:15 AM

Analysis Date: 9/13/2013 Collected: 9/11/2013

Project: 888200-SHC - South Hytoric Core

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using **Polarized Light Microscopy**

				Non-As	<u>sbestos</u>	<u>Asbestos</u>
Sample	Description	Appearance	%	Fibrous	% Non-Fibrous	% Type
200-SHC-25 041324634-0007	1, 2, 3 SOUTH, HALLWAY, 2ND FLOOR, ADJ. ROOM 216 - PLASTER IN SUB FLOOR	Gray Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected

Certification #PB647790 (EV) & #PB091886 (JP)

Analyst(s)

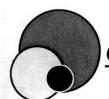
Erica Valent (6) Juli Patel (1)

Stephen Siegel, CIH, Laboratory Manager or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367

Initial report from 09/13/2013 07:28:14



Crothers Environmental Group, LLC

29 Duncan Road Morrisville, Vermont 05661 Phone 802-888-1936 info@crothersenvironmental.com

т., Бе	CHAIN OF CU	_			0	AMPL:	ES	
	MSL Analytical OO Rt. 130 North			Collected esentative		n Podell	9	
	innaminson, NJ 08077		- A 200	ected By:	_	mas Hur	d	
CEG Project N	No.: 88200-SHC Proj	ect Name: WSOC	- Sonte	Hy tor	اد ک	re		
Work Area:	,							70
	E-Mail l	Results to: chris@c	rothersen	vironmer	ıtal.com			
1 ' D								į
analysis Reques	sted:Polarized Light Mic	roscopy			Metho	d of Ship	ment: F	edEx
Sample #	Sample Description,	Homogenous Area	Samp	le Locatio	n			
200-SHC-19	Plaster in Sub	floor	5 5.2	12 ore 8	bor_N.	حدملو عر	f Gire	ler one
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32							<u>م</u>	Ž.
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Turnaround Tim	ne: by Noon Same	Day 24 Hour	48 H	our ′	72 Hour	5 d	lay	
	Point cour	t if asbestos conten	t is found	to be les	s than 2	%	/	
Relinquished by	Man !	de .		Date:	1/	1/1	3	t
rec'd - A	HE EMSLFO	9/12/13 9	7:154	Barris Spirario				



Client Sample ID:

Client Sample ID:

Client Sample ID:

EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077 Phone/Fax: (800) 220-3675 / (856) 786-5974 http://www.EMSL.com / cinnasblab@EMSL.com EMSL Order ID: Customer ID:

041324771 CROT30

041324771-0001

041324771-0002

Customer PO:

Project ID: WSOC

Lab Sample ID:

Lab Sample ID:

Attn: **Chris Crothers**

Crothers Environmental Group

29 Duncan Road

Morrisville, VT 05661 Phone:

(802) 888-1936

Fax: Collected: (ema) il -only 9/12/2013

Received:

9/13/2013

Analyzed:

9/13/2013

Proj: 200-SHC/WSOC-South Historic Core (WSOC)

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method via

Polarized Light Microscopy

200-SHC-26 Sample Description: 5 south, 2nd floor, Room 225/Plaster in subfloor

200-SHC-28

Analyzed Non-Asbestos TEST Date Fibrous Non-Fibrous Comment Color Asbestos PLM 9/13/2013 0% 100% None Detected Gray

Client Sample ID: 200-SHC-27

Sample Description: 5 south, 2nd floor, Room 232/Plaster in subfloor

Non-Asbestos Analyzed Comment **TEST** Date Color Fibrous Non-Fibrous **Asbestos** PLM 9/13/2013 Gray 2% 98% None Detected Lab Sample ID: 041324771-0003

Sample Description: 5 south, 2nd floor, south side of circular area/Plaster in subfloor

Analyzed Non-Ashestos TEST Date Fibrous Non-Fibrous Comment Color Asbestos PLM 9/13/2013 None Detected Gray 2% 98% 200-SHC-29 Lab Sample ID: 041324771-0004 Client Sample ID:

Sample Description: 5 south, 2nd floor, Room 227/Plaster in subfloor

Analyzed Non-Asbestos **TEST** Date Color **Fibrous** Non-Fibrous **Asbestos** Comment PLM 9/13/2013 98% Grav 2% None Detected Lab Sample ID: 041324771-0005

Sample Description: 4 south, 2nd floor, Room 220/Plaster in subfloor

200-SHC-30

Analyzed Non-Ashestos **TEST** Date Color Fibrous Non-Fibrous Asbestos Comment PLM 9/13/2013 Gray 2% 98% None Detected Lab Sample ID: 041324771-0006 Client Sample ID: 200-SHC-31

Sample Description: 4 south, 2nd floor, Room 217/Plaster in subfloor

Analyzed Non-Asbestos TEST Date Color **Fibrous** Non-Fibrous Asbestos Comment PLM 9/13/2013 5% Gray 95% None Detected

Lab Sample ID: 041324771-0007 Client Sample ID: 200-SHC-32

Sample Description: 4 south, 2nd floor, Room 222/Plaster in subfloor

Analyzed Non-Asbestos TEST Date Color Fibrous Non-Fibrous **Asbestos** Comment PLM 9/13/2013 Gray 2% 98% None Detected



Client Sample ID:

Client Sample ID:

Client Sample ID:

EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077 Phone/Fax: (800) 220-3675 / (856) 786-5974 http://www.EMSL.com / cinnasblab@EMSL.com FMSI Order ID: Customer ID:

041324771 CROT30

Customer PO:

Project ID: WSOC

Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method via **Polarized Light Microscopy**

Lab Sample ID: 041324771-0008 Client Sample ID: 200-SHC-33

Sample Description: 4 south, 2nd floor, Room 215/Plaster in subfloor

Analyzed Non-Asbestos **TEST** Date Color Fibrous Non-Fibrous Asbestos Comment PLM 9/13/2013 2% 98% Grav None Detected Lab Sample ID: 041324771-0009 200-SHC-34 Client Sample ID:

Sample Description: 6/7 south 2nd floor, Room 210/Plaster in subfloor

Non-Asbestos Analyzed **TEST** Date Color Fibrous Non-Fibrous Asbestos Comment 9/13/2013 400 PLM Pt Ct 0% 99 25% 0.75% Chrysotile Grav 200-SHC-35 Lab Sample ID: 041324771-0010

Sample Description: 6/7 south 2nd floor, Room 207/Plaster in subfloor

Analyzed Non-Asbestos **TEST** Fibrous Non-Fibrous **Asbestos** Comment Date Color 9/13/2013 400 PLM Pt Ct Grav 0% 98.75% 1.25% Chrysotile 041324771-0011 Lab Sample ID: Client Sample ID: 200-SHC-36

Sample Description: 6/7 south 2nd floor, far south side/Plaster in subfloor

Analyzed Non-Asbestos TEST Fibrous Non-Fibrous Comment Date Asbestos Color PLM 9/13/2013 None Detected Gray 0% 100%

Sample Description: 6/7 south 2nd floor, Room 204/Plaster in subfloor

200-SHC-37

200-SHC-38

Analyzed Non-Asbestos TEST Comment Date Color Fibrous Non-Fibrous Asbestos 9/13/2013 400 PLM Pt Ct 0% Gray 99.50% 0.50% Chrysotile Lab Sample ID: 041324771-0013

Sample Description: 6/7 south 2nd floor, Room 208/Plaster in subfloor

Analyzed Non-Asbestos Fibrous Comment **TEST** Date Color Non-Fibrous Asbestos 400 PLM Pt Ct 9/13/2013 Gray 0% 99.75% 0.25% Chrysotile

PLM: Vermont Certification #: PB812017 (C.B.); PB812016 (S.R.)

PLM 400 Point Count: Vermont Certification #: PB812017 (C.B.); PB812016 (S.R.)

Analyst(s)

Chelsey Bilhear PLM (1) 400 PLM Pt Ct (2) Samantha Rundstorm PLM (8)400 PLM Pt Ct (2)

Stephen Siegel, CIH, Laboratory Manager or other Approved Signatory

Lab Sample ID:

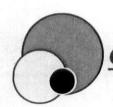
041324771-0012

Any questions please contact Steve Siegel.

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Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036

Initial report from: 09/14/201301:04:48



Crothers Environmental Group, LLC

29 Duncan Road Morrisville, Vermont 05661 Phone 802-888-1936 info@crothersenvironmental.com

CHAIN OF CUSTODY "ASBESTOS" VERMONT SAMPLES

To:

EMSL Analytical 200 Rt. 130 North Cinnaminson, NJ 08077 Date Samples Collected:

9/12/13

Account Representative: Samples Collected By:

Ellen Podell Thomas Hurd

CEG Project No.: 200-54 C Project Name: WSOC-South Historic Core

Work Area:

E-Mail Results to: chris@crothersenvironmental.com

Analysis Requested: Polarized Light Microscopy

Method of Shipment: FedEx

Sample #	Sample	e Descrip	tion, Homogenous Area	Sample Location
200-SHC-26	Plaster	10	Sub floor	Ssarty, 2nd for, Roon 225
27	4	11	0)	11 11 11 11 Room 232
28	11	/1	11	1, 1, 5 Soon sol of Circul
29	a	1.	• • • • • • • • • • • • • • • • • • • •	11 1. 1. Ram 227
30	4	//	11	South 2nd floor, Room 220
31	61	4		4 South 2nd flow Rom 217
32		61	4	4 1, 1, 4 4 222
33	"	"	7	11 " " Ran 215
34	4	11	"	6/7 South en floor, Room 210
35	11	n	4	11 11 47 Room 207
36	11	4	u	" II II I For South side
37	и	U	11	" 11 11 11, Room \$40
38	4	66	"	" " " Room 20 3 to
				NON A
		ST TOTAL TOTAL		C X

Turnaround Time:

by Noon

Same Day

(24 Hour

48 Hour

72 Hour

5 day

Point count if asbestos content is found to be less than 2%

Relinquished by:

01-19. ENM-

Date: